

BOOK NO. 12

H. A. ALLARD

FIELD COLLECTION NUMBERS

15688 - 16999

Hispaniola

SEPT. 11, 1947 to Nov. 12, 1947

* 15688 to 15720 inc - Ciudad Trujillo
* 15721 to 15732 " Piedra Blanca
* 15733 Ciudad Trujillo
* 15734 to 15735 - Jaina Beach
* 15736 to 15761 - Ciudad Trujillo
* 15762 to 15788 - Piedra Blanca
* 15789 Ciudad Trujillo
* 15790 - 15832 - Ozama River, marshes.
* 15833 - 15841 - Ciudad Trujillo
* 15842 - 15896 - Sabana de la Rosa
* 15897 - 15905 - Ciudad Trujillo
* 15906 - 15939 - Ozama River marshes
* 15940 - 16041 - Sabana de la Rosa,
* 16042 - 16050 - Colonia Ramfis ab 1800 ft
* 16051 - Ciudad Trujillo
* 16052 to 16101 Pine forests, Piedra Blanca
* 16102 - 16171 Big Cares near Ciudad Trujillo
* 16172 - Piedra Blanca,
* 16173 to 16204 Ciudad Trujillo
* 16205 - 16227 - Big Cares near Ciudad Trujillo
* 16228 to 16250 - Jaina Beach
* 16251 to 16343 Colonia Ramfis 1800 ft.
* 16344 to 16383 - Near Ciudad Trujillo
* 16384 to 16600 - Constantia and region
* 16601 to 16624 inc Ciudad Trujillo.

* 16625 to 16727 inc, Piedra Blanca,
* 16728 to 16744 inc, Ciudad Trujillo.
* 16745 to 16769 " Colonia Ramfis
* 16770 to 16818 - Ciudad Trujillo
* 16819 to 16999 Piedra Blanca,

Allard, H. A. Dominican Republic

1947.

Book 12.

Field Notes nos. 15688 - 16999.

50174

Manufactured by
U. S. Government Printing Office

15688^D

Bunia reticulata

15688

15689
15688

every 4th line

15690
15690

to
to
to
to
47

Leaf spots on mango leaves
in Allard's yard. Ciudad Trujillo
15688 Alt. Sept. 11, 1947. H.A. allard
Leaves yellow and fall
in considerable quantities ✓

15689 Leaf spots on Cajuila
Anacardium occidentale L.
On Allard's grounds ✓
Ciudad Trujillo, Sept. 11, 1947
H.A. allard

15690 Leaf spots on lime - Allard's
grounds. Ciudad Trujillo.
Sept. 11, 1947. H.A. allard, ✓

15691 Leaf spots on Sandalphee
Hura crepitans L. ✓
In Allard's grounds - Sept. 11, 1947
H.A. allard

15692 Lichens on bark
of mango tree, Allard's
grounds, Ciudad Trujillo,
Sept. 11, 1947. H.A.A. ✓

15693 Same lichens
with # 15692
same date ✓

✓15694 Bryophyta (or Hepatic)
on mango tree - with
15692 same date et ✓

Lichens on *Annona reticulata*
Ciudad Trujillo
15695 On Allard's grounds
Sept. 11, 1947.
H.A. allard
✓

15696 Dimmed coffee leaves
Piedra Blanca - April or
May, 1947. ✓ Howard F. Allard

15697 fl. blue, small. In low
ground along Ozama River
13) 1 mile above Ciudad Trujillo
Sept. 12, 1947. H.A. allard
✓

15698 *Juncus*
several Same locality with
15697. ditto

15699 Low, creeping plant
with # 15697 fl. small
+ faint bluish white. ditto

15700 Sedge. with # 15697
white bracts (at base) ditto

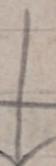
15701 Grass with # 15697
wet meadow along
Ozama River, middle or
more above Ciudad Trujillo. 9-12/47

Juncus - in low, wet ground
along Ozama River 1-1½ miles
15702 above Ciudad Trujillo
serial Sept. 12, 1947. H.Q. Allard

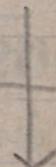
15703 Sedge - tangled stem
(1) ✓ with # 15702

ditto

15704 Sedge
(3) ✓ with # 15702



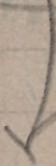
15705 Sedge
(3) ✓ with # 15702
Tall, small plants



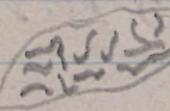
15706 Leaf spots (brown)
on Anacardium occidentale L.
Sept. 13, 1947, at H.F. Allard's
(upper surface) ✓

15707 Leaf spot on leaves
of Anacardium occidentale L.
at H.F. Allard's, Sept. 13 ✓

15708 Lichens on A. occidentale
branches above,
same date, data, etc
yellowish areas ✓



May 15709 Lichens on branches of
Anacardium occidentale L. ✓
Allard's grounds, Ciudad
Trujillo, Sept. 13, 1947. H.Q. Allard
(Parmelia?)

15710 Elongate white lichen and
same tree as # 15709 ✓ ditto


15711 Gray lichen on Howard's
mango tree bark Sept. 15, 1947
ditto ✓

15712 Lichen - Parmelia ? on
same tree with 15711 on same
mango tree Sept. 11, 1947 ditto ✓

15713 Discoloration same tree
with # 15711 - vivid green -
near base of tree. ditto ✓

15714 Grass. In old banana
field at Ciudad Trujillo, Sept. 15, 1947
H.Q. Allard

15715 Parmelia-like - pale
greenish lichen on bark of
Anacardium occidentale
in Allard's yard. Sept. 15, 1947 ✓
15715a

Blinch gray or slate colored
lichen on Anthonotus occidentalis
at Allard's, Ciudad Trujillo, Sept 15, 1947
H.A. Allard

15716

✓

15717 White patches lichen on
same tree barks with # 15716 ditto

#

✓

15718 Black velvety patches
of moss with # 15716 ✓ ditto

✓

15719 Two lichens - one
small elongate black spots
with # 15716 ✓ ditto

✓

15720 - shelf fungus -
with # 15716 ✓ ditto

✓

15721 Leaves of Manga
shrub - Piedra Blanca
Sept. 16, 1947. H.A. Allard ✓

15722 Red flowered begonia near
rubber planting - very showy, stamens long, ditto

Shrub in woods at Piedra Blanca
fl. white 10-15 ft tall. H.A. Allard
Piedra Blanca
Hl 74, Sept. 16, 1947.

15723

15724 Neeca flowers & leaves
Goodrich rubber plantation
ditto

✓

15725

Bauhinia
fl. drooping, pure
yellow - near rubber
grose

ditto

✓ 15726

lichens on rubber
trees

ditto

✓ 15727

Sedge, in rubber
grose (Goodrich) ditto

ditto

15728

Moss - in rubber grove
with # 15727 ditto

ditto

✓ 15729

Sedge - 3 angled stems
on Trail near Piedra
Blanca in damp soil ditto

ditto

More or hepatic - on
tree bark in shade along
Mammon River near Piedra
Blanca, Sept. 16, 1947. H.A. Allard

✓ 15731 water plant; fl. white
along roadside near
Tlal Piedra Blanca
abundant in water, ditto
here (P)

✓ 15732 High climbing vine; leaves large
10-12 in. across (12th long), heart shaped
at base with very narrow sinus
climbs other-climbers.

15733 of, large - in clusters. Fl. deep
lilac purple; much wanted. ^{Sept. 20}

✓ 15734 Small tree in yard next door
covered in thick leaf, yellowish at base
backed with brownish lines - petals 5, yellow
Cuidad Trujillo. Sept. 20, 1947.

Leaf shaded on sea grape
Hacia Beach - Sept. 21, 1947
H.A. Allard

15735 Galls on leaf of sea grape
Haina Beach Sept. 21, 1947
H.A. Allard

✓ 15736 Sedge
Cuidad Trujillo in
Allard's lawn
Sept. 25, 1947
H.A. Allard

✓ 15737 edge near
with # 15736 - 9-25-47
H.A. Allard

✓ 15738 Four grass for Allard's lawn
with # 15737
9-25-47
H.A. Allard

✓ 15739 Grass with
15737.
Same date etc.

✓ 15740 Tall grass - 5-6 ft
in clumps, dry waste
ground near # 15737
same date, likewise

✓ 15741 Grass. In lawn
with # 15737,
soon sheathes fall from rhachis,
same date etc

✓ 15742 Shrub - small white fl.
waste ground in limestone outcrop
near airfield, Sept 26, 1947

✓ 15743 H.A.
Shrub - red flowers
showy
near # 15742
ditto.

Grass - on limestone
outcrop - Ciudad Trujillo
near airport (with # 15749)
Sept 26, 1947, H.A. Allard

15744

✓ 15745

Red fl - dhonoca
with # 15744 ditto
Very attractive.

15746 ✓

Purple Acanthaceae
with # 15744 ditto
Frequent in coastal area

15747 ✓

Kerb - tall white fl
long pods. with # 15744 ditto

15748 ✓

White flowered -
trailing - narrow petals
with # 15744 ditto

15749 ✓

bull - pink rose pink
Zephyranthes bifolia flowers - escape near ditto
15744 outlined on
very showy. large colony

15750 ✓

grass growing in
brushy waste land west of
Ciudad Trujillo Sept. 26, 1947 ditto

15751

Grass *Paspalum*
with # 15744 - Sept. 26, 1947
H.A. Allard

15752

Grass - *Paspalum*
On caliche soil, Ciudad
Trujillo near # 15749.
Sept. 26, 1947. H.A. Allard.

15753

Moss on thin soil on
caliche rocks near
15749. Sept. 26, 1947
H.A. Allard

15754

Plant in lawn - a weed
fl yellow - prostrate - Sept. 28, 47
Ciudad Trujillo H.A. Allard

15755

Tree Rattle; fl. rose-pink
Sept. 28, 1947, at Country Club
H.A. Allard

15756

Small flowered composite
yellow in golf course at
Country Club 9/28/47. H.A. Allard

15757

Mistletoe - on
Rattle (ie on 15755; also
on Casuarina. Near # 15754
Sept. 28, 1947 H.A. Allard

Bulbous plant in damp
at country club - yellow fl.
Lepidium sativum, 9/28/47
15758 H.A. Allard
Very common - almost a weed
and escape,

15759 fig - large tree at
Country Club 9/28/47
H.A. Allard
A huge tree

15760 Solanum - ad Green
Country Club, Sept. 28, 1947
H.A. Allard 6 ft. fl. white

15761 Bixa - fl. like
Piedra Blanca - in thickets
Sept. 30, 1947
H.A. Allard

15762 woody vine on Maimon River
Piedra Blanca - near Bridge
Sept. 30, 1947
H.A. Allard
fl. white

15763 Mint
5-6 ft tall - herb. on Maimon River
Piedra Blanca - near #15762
fl. small, white

15764 *Eichornia crassipes*? fl.
on Maimon River near bridge, blue,
Piedra Blanca ditto

Near Maimon River in
wet soil & Piedra Blanca
sedge, 9/30/47
H.A. Allard

15765 ✓ 111

15766 Herb 3-4 ft. fl. white
in moist soil on trail
near Piedra Blanca
Sept. 30, 1947 ditto

15767 Tree 29-30 ft. tall
fl. white
near #15766 ditto

15768 Desmodium - running stems
fl. nearly crimson
In thickets and along trail
near #15766 common ditto

15769 Desmodium - fl. purplish
Prostrate Descending,
with #15768 ditto

15770 *Pharus glaber* HBK.
on trail near #15769
Erect stems frequent ditto

15771 Shrub 4-5 ft. floriferous
on trail near #15769
stamens purple ditto

Ambrosia - 5-6 ft -
In thickets on trail near Piedra
Blanca. 9/30/47, H.Q. Allard

15772

15773 Paspalum
" along trail near # 15772 ditto
single spikes.

15774 Shrub 8-10 ft - on small
tree; bristly purple,

Near # 15772 ditto
Mabrouk, coarsely serrate leaves,

15775 Scleria 2-4 ft.
" on trail near # 15772 ditto

15776 Paspalum - spike terminal
2-3 ft. Near # 15772 ditto

15777 Paspalum - spike scattered
2-3 ft. Near # 15772 ditto

15778 Sedge
Damp soil on trail near 15772 ditto

Tall Paspalum 2-3 ft,
very hairy sheaths. On trail
near Piedra Blanca in
woods Sept. 30, 1947. H.Q. Allard

15780 Paspalum ditto
Near # 15779
spikes scattered

15781 Near # 15779
Very common ditto

15782 Desmodium
J Ascending - fl. purplish
on trail near # 15779 ditto

15783 Desmodium
J Ascending - fl. red
on trail near # 15779 ditto

15784 Sedge
✓ on trail near # 15779 ditto

15785 Desmodium
J Ascending stems
fl. purplish. on trail
near # 15779. frequent ditto

Moss on Calabash Tree
Near Piedra Blanca near
main on River 9/30, 47
H.A. Allard

15786

15787 Euphorbiaceae tree
fe red leaves - leaves
much divided, int.

Near Piedra Blanca in yard

15788

9/30/47 H.A. Allard
15 ft tall,

Desmodia fasciculata

On Duante highway at K.L. 37

15789

9/30/47, H.A. Allard
bl. deep rose, few plants
(rare)

red in Allard's farm

15790

Ciudad Trujillo,
Amaranthus Oct 2, 1947

H.A. Allard

Min Y.

5-6 ft. fl. deep rose pink
in swale along Ogama River 2-3 miles
above Ciudad Trujillo - on banks

15791

Oct 2, 1947. H.A. Allard
Sagittaria?
Tuberous root, for swamp
Low, wet River marsh

J

15792

small flowered white stem
5-6 feet. In drier ground
marsh # 15790

ditto

ditto

Achelopis - white bl
On banks of Ogama River 2-3 miles
above Ciudad Trujillo. Oct. 2, 1947
H.A. Allard

15793

"

15794

"

15795

"

15796

"

15797

✓

15798

J

"

15799

✓

"

edge of marsh above

ditto

ditto

Reimoserbia or *Paspalum* in wet
soil along Ogawa River marsh 2-3 miles
above mouth Oct. 2, 1947
15800 H.A. Allard,
shrubby after dried-yellow

✓ 15801 Shrubby - yellow flowered
In marsh above
Evening Primrose few. ditto

✓ 15802 Same location
near # 15801 ditto

✓ 15803 Cyperaceae
Very damp, heavy soil
near # 15801 ditto

✓ 15804 Sedge
In muddy soil
in above marsh ditto

✓ 15805 Sedge
Cyperaceae
In muddy soil with
15801 ditto

✓ 15806 Cyperaceae
In wet soil with # 15801 ditto

Cyperaceae
In muddy soil along
Ogawa River above mouth
2-3 miles Oct. 2, 1947
15807 H.A. Allard

✓ 15808 Paspalum - single spikes
very slender leaves, narrow
In drier soil on edge
of marsh in clumps. ditto

✓ 15809 Sedge
In muddy soil in
marsh above, ditto

✓ 15810 Grass -
In wet soil near # 15808 ditto

✓ 15811 Sedge
In wet soil with 15809 ditto

✓ 15812 Sedge
In wet, muddy soil with
15809 ditto

✓ 15813 Sagittaria
mirror-leaved
In muddy soil near
15809

- Diseased Cyperaceal
In marsh along Ogawa River
2-3 miles from mouth
Oct. 2, 1947
15814 ✓ In mud and water Hg. allard
-
- 15815 Sedge
with # 15814 ditto
-
- 15816 Tall Paspalum
In wet soil in above
marsh, ditto
-
- 15817 Cyperaceal
white bracts
In mud and water in
above marsh, ditto
-
- 15818 Grass
In marsh (wet) with
15817 ditto
-
- 15819 Paspalum
In wet soil in same
marsh with # 15817 ditto
spikes parceled,
-
- 15820 Mikania - fl white, fragrant.
In full bloom. Trailing over
grass and turbage in wet muddy
soil with # 15817.

- Shrubby - yellow flowered
Evening Primrose fam.
In wet, muddy soil
along Ogawa River 2-3 miles
from mouth, Oct. 2, 1947
Hg. allard
-
- 15821 ✓ ditto
-
- 15822 Sedge
in wet soil with
15821- ditto
-
- 15823 ✓ Sedge
with # 15821
wet soil ditto
-
- 15824 ✓ Sedge
with # 15821
in wet soil ditto
-
- 15825 ✓ Sedge
in muddy soil with
15821 ditto
-
- 15826 ✓ Sedge
in mud with
15821 ditto
-
- 15827 ✓ Sedge
in mud with
15821 ditto

yellow-flowered Composite
In marshes along
Organza River 2-3 miles
from mouth, Oct 2, 1947
H.A. Allard
common

✓ 15829 Herb - 1-2 ft. tall
In moist soil near ditto
15828; fl. small, blue.

✓ 15830 Low, creeping, matted
Plant with white flowers
in bogs along Organza River ditto
in damp soil on edge of
marsh only, very abundant

Tell. Paspalum
In marsh with # 15828 ditto

Plant A

15832 Paspalum
near # 15828

ditto

Plant B

15833 Ornamental
Very showy - hairy pale-tiles,
fl. in umbels. Oct. 5, 1947
H.A. Allard

✓ 15834 Wedge in Allard's grounds
fl. small, white; elongate
nodes Oct. 5, 1947
H.A. Allard

Common grass used for golf
courses - grows when extended
small - bl. pinkish
Oct. 5, 1947
H.A. Allard

✓ 15835a ferns

✓ 15836 sedge in lawn
at Ciudad Trujillo -
allard's lawn. Oct. 5, 1947
Tuberous root H.A. Allard

✓ 15837 weed -
Allard's lawn
Ciudad Trujillo -
bl. whitish Oct. 5 ditto

✓ 15838 Grass - low - In allard's
lawn Panicum
Oct. 5, 1947 ditto

✓ 15839 Grass - Allard's lawn -
low - Panicum
Oct. 5 ditto

✓ 15840 Setaria
In allard's lawn
ditto

✓ 15841 Panicum maximum
Dwarf grass,
waste ground
Ciudad Trujillo
ditto

Bordid - bl white 2-3½ foot tall
In arroyo - Sabana de Rosa
Kl 28, Buorte Highway
chipleyte on tumpa 0ct. 5, 1947
Allard

15842

✓

15843

Anastomous, herbs
Near # 15842

ditto

15844

*Vines on shrubs, th
In arroyo with # 15842
winged fruits - white

ditto

15845

✓

Sedge
Sand soil with # 15842

ditto

15846

Eragrostis
dry, sterile soil near # 15842

ditto

15847

✓

sedge
dry, sterile soil with # 15846

ditto

15848

✓

Tall herb - fl orange -
leaves moist -
with # 15846

ditto

grass - Paspalum
very slender, tufted - single
short spike, dry, sterile

15849

soil with # 15846
Sabana de la Rosa -
near Kl 28, Oct. 5, 1947
H.A. Allard

15850

Sedge - in damp
leaves very slender
with # 15849

ditto

15851

grass - Paspalum

Decumbent -

In arroyo near # 15842 ditto
moist, dry soil
very pubescent,

15852

white flowered herb -
bl in dense heads

Leaves very pubescent beneath,
in dry soil with # 15849 ditto

15853

Tall sedge - in moist
soil in arroyo near # 15842 ditto

15854

Dark purple herb -
small, some herb -

ditto

15855

Shrub - with large white
berries in clusters
4-5 feet, in moist arroyo
with # 15849 ditto

- short - 4-5 feet
 in arroyo at # 15856
 Sabana de la Posada,
 Oct. 5 - 1947
 Ha. allard
 fruit & capsule 
- ✓
 15857 Low terrestrial orchid
 In arroyo near # 15856
 Flowers greenish ditto
- 15858 Epiphyte - in fruit,
 on old shrubs in damp
 arroyo with # 15856 ditto
- ✓
 15859 Shrub - short
 whitish flowers
 leaves alternate
 in arroyo near # 15856 ditto
- ✓
 15860 Shrub - white fl.
 purple berries - Hicaco
 Chrysanthemus - leaves edible
 taste as grapes, ditto
- 15861 Sedge - very slender
 Damp, sterile soil near
 # 15856. ditto
- ✓
 15862 Sedge in wet soil
 in arroyo with 15856 ditto

- sedge - I noted
 soil moist, 15862
 Oct. 5 -
 Kl 28 - Sabana de la Posada
- ✓
 15863 edge -
 in dry soil near # 15862 ditto
- ✓
 15864 edge -
 in dry soil near # 15862 ditto
- ✓
 15865 Sedge
 sand soil in wash ditto
 near # 15862
- 15866 Sedge -
 in dry soil near ditto
 # 15862
- ✓
 15867 scrambling taproot
 in moist soil in arroyo
 with 15856 ditto
- ✓
 15868 shrub in
 arroyo with # 15856 ditto
 greenish fl & green fruit
- ✓
 15869 bush -
 whitish flowers in bands
 serrate leaves -
 coarsely serrate toothed ditto
 near # 15856

Tiny low panicum, dm
sterile dry soil near Kl 28-Duarte
Highway on Sabana de Rosario
infrequent Oct. 5, 1947
H.A. Allard

✓ 15871 Shrub - with prickly leaves
at tip, bright reddish purple
fls. very shiny. In arroyo
near # 15870

✓ 15872 Paspalum
In arroyo near 15870 ditto
Leaf blade edge very scalloped

✓ 15873 Tiny low panicum
few spikelets; very slender ditto
leaves - 4-5 in tall
In dry soil near 15870

✓ 15874 Shrub, flowers small &
dense panicles - small in
petals - with longitudinal dark lines
Near 15870 ditto

✓ 15875 Rubiaceae -
Prostrate to ascending.
Road-side near Kl 28-Duarte
highway, fl white Oct 5

✓ 15876 Low herbaceous
yellow. Sterile fl
Kl 28 - branching ditto

Grass - annual - long wiry
leaves and tip of glumes crimson
In dry soil at Kl 28-in sterile
open soil in stony pasture
an attractive little grass.

Oct. 5, 1947
H.A. Allard

✓ 15878 Grace slender.
with # 15877 ditto

✓ 15879 Low herb - reddish or
purple red fl.
In sterile open soil with
15877 ditto

✓ 15880 Paspalum
In sterile soil with
15877 ditto

✓ 15881 Low, slender herb
bl. rose purple.
Leaves narrow; with # 15879 ditto

✓ 15882 Low herb with # 15877 ditto
Leaves opposite, bl. deep rose red or purplish
red

✓ 15883 Herb - low
white fl. in dense heads
Leaves verticillata
with # 15877 ditto

Delicate, slender
Euphorbiaceous plant;
fl white, tiny in dry,
sterile soil near Kl 28 - in
Savana de Posa. Oct 5, 1947
H.A. Allard

15885 sedge
with # 15884 ditto

15886 sedge
with # 15884 ditto

15887 low herb
fl orange
leaves elongate
with # 15884 ditto

15888 sedge
with # 15884 ditto

15889 Sedge
Cyperus ?
with # 15884 ditto

15890 Grace - slender
In sterile ground
with # 15884 ditto

Grace - slender
with # 15884

15891

15892 shrubby, long -
Flowers purple
Very brown hairy
with # 15884 ditto

15893 ✓ shrub -
Panicles of yellow fl., ditto
Roadside bush near Kl 28,
Duarte highway

15894 ✓ Vine on shrubby th -
fl large, yellow, shiny ditto

15895 near # 15893

✓ shrub - escape
along Duarte highway
near Kl. 29
fl large, white, shiny ditto

15896 ✓ grassy herb
fl in racemes ditto

15897 with 15884

✓ Poa pratense, Wolfe ground
Cundad Trujillo or near Embassy
H.A. Allard Oct. 6, 1947

Lantana - orange red fl.
waste ground, Ciudad Trujillo
near American Embassy
15898 Oct. 6, 1947
H.A. Allard

✓ 15899 Guanchave - large bluish purple
flowers - waste ground
with # 15898; common here ditto

✓ 15900 Creeping Plant - small
rounded leaves; white flower
waste ground near # 15898 ditto

15901 Grass - with # 15898
ditto

15902 Panicum
waste ground with # 15898
ditto

✓ 15903 Legume - fl. yellow
Pods present - bushy,
smooth slenderly.
Near # 15898 ditto

15904 Grass - waste
ground with # 15898
ditto

15905

Grazes in Celarda's farm
Ciudad Trujillo - Oct. 7, 1947
H.A. Allard

✓ 15906 slender - small tree
Leaves green along edge of marsh along
dome-shaped Río Chico 2-3 miles
finely serrate from marsh Oct. 7, 1947
Flowers small, white, H.A. Allard

✓ 15907 slender grass
on edge of marsh in
drier soil - near # 15906 ditto

✓ 15908 Mikania - fl. white,
fragrant, in marsh
bed soil near # 15906 ditto

✓ 15909 Tell shrub - 10-12 ft
Leaves bright shiny, green
entire; fl. white, tubular, fragrant
Near # 15906, in drier ground ditto

✓ 15910 shrub or small tree
near # 15906; Pendent
clusters of red, bitter fruit ditto
Leaves compound

✓ 15911 tree - all green
Terminalia catappa L
fl. whitish long, slender
raceme - ditto
near # 15906

- Vine, climbing over shrubs.
Flowers very small, green,
along banks of Ozama River flats
15912 2-3 miles from mouth
Oct. 7, 1947
✓ Ha, allard
See 15844 for print.
-
- 15913 Shrub - fl. red, in
fence corner - growing
Leave entire - broadly ovate.
Near # 15912 + ditto
in rocky soil
-
- 15914 Shrub - fl. yellow
Leave narrow - in red ditto
soil of marsh above.
-
- 15915 Herb - 3-4 ft. In mud
soil near # 15914. Fl. orange
deep rose. Composite
-
- 15916 Shrub - legume -
fl. yellow - pods ditto
Near # 15912 - edge
of marsh, 4-5 ft.
-
- 15917 Cyperaceae - low in
mud and water near ditto
15915
-
- 15918 Acalypha - fl. white
On edge of marsh near
15915 ditto
-
- 15919 Mint - fl. small,
blueish - along edge of
Ozama marsh near
15915 Oct. 7, 1947
Ha. Allard
4-5 feet,
-
- 15920 Cyperaceae
In mud near # ditto
15915
-
- 15921 Cyperaceae - small ditto
In mud near 15915
✓
-
- 15922 Cyperaceae
In mud near 15915 ditto
✓ In mud
-
- 15923 Cyperaceae
Near 15915 ditto
In mud
-
- 15924 Shrub -
✓ On dry bank near ditto
15915
-
- 15925 Paspalum
Shrub - single -
On bank near # 15915 ditto
In dense clumps

Cyperaceae, found
soil-mud etc., dry
marsh along Ogawa
River - 2-3 miles from
mouth, Oct. 7, 1947
also divided Ha. allard

✓ 15927 Herb with long, slender
fine white tubular flowers
In dry soil on edge of marsh, ditto
15928 Sedge on edge of marsh,
In mud near 15926 ditto

✓ 15929 Sedge
In mud and water
near # 15926 ditto

✓ 15930 Small Cyperaceae
In damp soil near
15926 ditto

✓ 15931 Sedge-like -
Jaontama pl. place
3-5 ft. on bank ditto
near bridge over

Ogawa River near 15926
Sagittaria. In
mud & water. Near 15926 ditto

- Sagittaria? In water
near # 15932 Very large
leaves, 15933 0-6 ft. tall. Oct. 7, 1947
(Leaves divided) Ha. allard
also, ditto
- ✓ 15934 Sagittaria
In water & mud near ditto
15933
- ✓ 15935 Purple fl. Clitania
In grass in Sabana de la
at Kil. 28, Oct 11, 1947 Rasa
Ha. allard
- ✓ 15936 Low Cyperaceae
with # 15930 ditto
Prostrate, floristic
to herbish.
- ✓ 15937 Yellow fl., wine-fl.
large. In thicket near
15936 ditto
- ✓ 15938 Low berberidace
fl yellow.
Near # 15936 ditto
Slender bush.
- ✓ 15939 Low vine Cyperaceae
In grass with # 15936 ditto

red flavored legume
in waste ground on Sabana

15940 de los Rios, Rd. 28, at
left of Donete highway.
toward Agua fier, 1/2 mile
Oct. 11, 1947 H. A. Lloyd

base woody,

15941 Arroyo plant
concentrated visual; bl reddish
purple in grass near
15940 ditto

15942 wally, woody long plant
fl. purplish. with #15940 ditto

15943 Purple flowers; slender
in meadow near #15940 ditto

15944 Long barbed root
woody; fl. yellow.
with #15940 ditto

15945 Euphorbiaceae
Slender; fl. white
with #15940 ditto

15946 Cyperaceae
Tetragonal stems
In mud near #15940 ditto
In wet arroyo's water

Cyperaceae

with # 15946

Same
etc,
etc

15947 ✓

15948 ✓

Cyperaceae

with # 15946

ditto

15949 ✓

Cyperaceae

with # 15946

ditto

15950 ✓

Cyperaceae

with # 15946

ditto

15951 ✓

Cyperaceae

with # 15946

ditto

15952 ✓

Cyperaceae

with # 15946

ditto

15953 ✓

oddish

fl. purple

In mud with #

15946

ditto

- In muddy arroyo *Paspalum*
In Sabana de la Pasa *sp.* sp.
15954 $\frac{1}{2}$ miles from Santa Fe
highway Rd 28, on
left just past road to
Haida River. Oct 1947
- 15955 *Lidensia* H.A. all over
Lidensia in
the bushes in arroyo
near # 15954 ✓ ditto
- 15956 Lidensia in
trees near # 15954 ✓ ditto
- 15957 Moss or liverworts
on tree trunks ✓ ditto
- 15957a lichen near # 15954 ditto
- 15958 Lidensia on
tree trunks with ✓
15954 ditto
- 15959 *Parmelia* etc., yellowish green
Moss light green
on bank of arroyo on
decayed wood near # 15954 ditto
- 15960 moss, perhaps on
tree trunks in arroyo
near # 15954 ditto

- Vine high up in trees
trees fl small shrub
15961 In arroyo near
15960 same date
etc
- 15962 *Lidensia*
andropogon
in arroyo near ditto
15954
- 15963 *Gymnocal*
In mud near
15954 ditto
- 15964 *Promeliad*
on top of tree; plant
germinating in fl. inside ditto
Near # 15954
- 15965 *Lancea* pathological
Moss in muddy bank
of arroyo near # 15964 ditto
- 15966 *Moss - hepatic*
on tree trunks near
15964 ditto
- 15967 *Lidensia*
on tree trunks
near # 15964 ditto

Lichens on base of various
tree trunks in arroyo
between Pinaltepec Highway
and Rd 28 and Hacienda
River, in Sabora de la
Posa, Oct 11, 1947 V

15969 Lichens on tree
trunks with # 15968 ditto

15970 ~~Muscocarpus~~ *leptotrichia* ✓
fruits on tree
trunks with # 15968 ditto

15971 Lichens
on tree trunks
near # 15968 ✓ ditto

15972 Lichens on
tree trunks near
15968 ✓ ditto

15973 Lichens on tree
trunks near # 15968 ditto ✓

15974 Lichens on trees
etc near # 15968 ✓ ditto

Sedge, in
wooded area Sarge
near # 15968 data

15975

edge of
wooded area ditto
with stream near #
15968

15977

Scleria
In wood in arroyo
with # 15968 ditto

15978

scrubby
grass growing
over shrubs, ditto
with # 15968
in wooded section
of arroyo,

15979

scrubby
grass growing
over shrubs, ditto
with # 15968
in wooded section
of arroyo,

15980

scrubby
grass growing
over shrubs, ditto
with # 15968
pl. blue, fruit blue,
Mesos, *leptotrichia*

15981

scrubby
grass, *leptotrichia*
on tree trunks near
15980 ditto

~~Tidens~~ - *Pomelia* 2
on tree trunks in arroyo
near # 15980

15982

(sgm)
date
✓ eln

Mosse - lepida ssp
on tree trunks
near 15982

15989

date
th

15983

Pomelia ?
On tree trunks
near # 15982 ditto

15990

Lichens - mosses
etc on tree trunk ditto
year # 15982

15990a

lichen ✓

15984

Nephelis or *gymnos*
near # 15982 ditto

15991

Mosse - lepida
near # 15982 ditto
on tree

15985

Mosse, Lichens th
On trees near # 15982
ditto

15992

Lichens on tree
trunks near # ditto

15992a

lichen ✓

15986

yellow fl. best
In pasture near
15985 ditto

15993

Mosse - lepida
on tree etc. year
15982 ditto

15987

Moss Year
15985
In damp soil in red
gum arroyo

15994

Lichens on
tree year # 15982 ditto

15988

Cladonia on
old trunks in arroyo
near # 15982 ditto

15995

Mosse - lepida
on tree trunks near
15982 ditto

- Moros, hepatic
in arroyo 1/2 miles
from Rd 128 on D route
Highway toward Sabana,
Haina River on Sabana
de la Posa Oct 11, 47
- 15996 H. a. allard
- 15997 Moros, hepatic
on trees in arroyo ditto ✓
near # 15996
- 15998 Lichens etc
on trees near # 15996 ditto
- 15999 Huge vine snarling
over trees in arroyos
near # 15996 ditto
rotin flower, sap biting, ✓
- 16000 Moros - hepatic
on trees near # 15996 ditto ✓
- 16001 Grass, low tall
arroyo in water of dry
near # 15996 ditto ✓
- 16002 Opelia on tree
with leaf spots ✓
Path, near # 15996 ditto
- 16003 Cyperaceae
In arroyo on
mod near # 16001 same date
- 16004 Piperaceae
In arroyo near ditto
16001
- 16005 tiny sedges
On bank in
arroyo near ditto
16001
- 16006 Cladonia
on bark of tree
near # 16001 ✓ ditto
- 16007 Moss
in tree near # 16001 ditto
- 16008 Legume - high
climbing - leaf fl
In arroyo, near ditto
16001
- 16009 Sedge
In arroyo, ~~dry~~ near
16001 dry soil

- Rubiaceae fl. bl. sp. T
 In dry Savana de la Gosa
 near D major Highway
 Rd 28 - 1½ miles between
 in wld Haima River.
 Oct, 11, 1947
- 16010 Ba. Sallard
- ✓ Herb - umbell fl
 In Savana near ditto
 # 16010 - dry soil ditto
- 16011 Herb - clow, yellow fl.
 with # 16011
 Dry soil
- 16012 Herb - clow, yellow fl.
 with # 16011
 Dry soil
- 16013 Cyperaceae
 dry moist soil near ditto
 # 16011
- 16014 Large fl. herb -
 crimson, shiny fl.
 In moist mud, area
 in Savana near # 16011 ditto
- 16015 Graz in Savana
 dry soil - near # 16011 ditto
- 16016 Sedge in moist soil
 near # 16011 ditto
- Yellow fl. stem grass some
 In dry soil near date
 # 16011 etc
- 16017
- 16018 Sedge
 In dry soil in
 Savana near # 16011 ditto
- 16019 Trailing, climbing
 legume; fl. white
 In arroyo near ditto
- 16020 # 16011
- ✓ Shrub or small tree
 in brush. In arroyo ditto
 near # 16019
- 16021 Vines high up
 short - green twigs
 maturing fruit translucent white ditto
- 16022 In arroyo near # 16019
 Climbing form
 In arroyo near ditto
 # 16019
- 16023 Umbell fl.
 ✓ In dry soil near ditto
 # 16018 -

Cyperaceae

In arroyo - in Sabana

16021 de la Posada near Kb 28
Dusty Highway
1 1/2 miles toward Haina
River Oct. 11 1947

16025 In red soil
dry soil

herb, in moist soil litter
near # 16021

16026 Long Cyperaceae

Dry soil in
sabana near # 16024 ditto

16027 Cyperaceae

Near # 16024 ditto

16028 Cyperaceae

Dry soil near # 16024 ditto

16029 Panicum

In dry arroyo
near # 16024 ditto
for

16030 moss

dry woodland ✓
in dry arroyo near ditto
16024

Orchid in tree

Petal white with some
median red marks
In damp arroyo
near # 16024
Rare in flower now

16032 Orchid =

at base of tree
forest, Shrub
near # 16024 ditto

16033

Dioclea
In dry soil in
sabana near # 16024 ditto

16034

Bromeliad on
tree in arroyo
near # 16024 ditto

16035

Orchid - near base
tree p. growth
near # 16024 ditto

16036

Cyperaceae
In red soil near
stream in arroyo near ditto

16037

Sedge
In red soil, ditto
near # 16024

reddish purple fl.

Hgt. in dry Savana

16038 de la Pista near
Duarte Highway Rd 28,
between there and Haina
Ridge is 1/2 mile from

16039 Rd. 28, Oct. 11, 47, H.A., Allard
white fl., herb,
in dry soil near # 16038 ✓
Diadcia 3 ditto

16040 delicate leaf - fl
white. with # 16039 ditto

16041 yellow fl., herb
showy, with # 16039 ditto
dry sandy soil,

16042 Lichens on coffee
stick (dead) near
Colonia Ramfis near 1800ft
Oct. 12, 1947

16043 H.A. Allard
Mosses and lichens
on tree trunk - Colonia
Ramfis - Oct. 12, 1947 ditto

16044 Legume - shrub
with crimson, red, but,
elongate fl. near
16043 ditto

Yellow leaves on same
soil as tank; near
data
etc.
16043

16045

16046 low legume & fl
small purple fl
with # 16043 ditto

16047 Pilea
on bank near #
16043 ditto

16048 Pilea round leaves
weeping,
Near # 16043 ditto

16049 Herb - opp. fl.
in small tufts,
at Colonia Ramfis ditto

16050 Clitoria
purple flug fl.,
on rocky climbing
over shrubs etc. near # ditto
16049

16051 Bauhinia - red
Gated Trujillo,
upper part yellow, lower reddish
with red dots dotted with red
Oct. 13, 1947 H.A. Allard

Mosses on dead logs
along ^{Main} river at foot of pine
banks at Piedra Blanca,
Oct 14, 1947

16052 ~~On dry pine barren slope near # 16054~~
- Mainon River ✓
Hg, all wood

16053 On log near # 16052 ✓
L ditto

16054 Gerardia -
on pine barren slope,
very steep and rocky near
Piedra Blanca ditto

16055 Low weeping plant
in moist ravine near
16054: fl. white, small ditto

16056 Shrub - fl. yellow
leaves rusty beneath
In dry arroyo near #
16054 in pine barren
slopes

16057 Small palm - fan-shaped
leaves, slender petioles
also 10-15 feet tall. On steep ditto
pine slopes at 1,000 ft near

16058 # 16054 see photo.
fern - on dry pine ✓ ditto
barrens among rocks
at 1000 ft near # 16054

Sedge - on dry pine barren
slope near # 16054 same
data

16059

✓
16060 Passion flower
on dry sandy stuff
pine slope with # 16059 ditto
abundant here

16061 Like foxtail-a grass
with # 16059
very scabrous panicles ditto

16062 Red flowered shrubby
legume - strong
On pine barren slope ditto
with # 16059

16063 Low woody plant with
spreading panicle of tiny
white fl., with # 16059 ditto
Locally abundant here

16064 Yellow fl - Cassia ?,
with # 16059 ditto

16065 Scabrous Dioclea -
fl. white climbing high over trees,
stems, near # 16059 ditto
in moist arroyo.

~~sp~~ - small white fl.
a low shrub, on steep,
16066 dry, rocky pine barren
slope at Piedra Blanca
✓ at 1000 ft

16067 *Panicum* - on dry
rocky pine covered slope ditto
with # 16066

16068 slender-petaled grass
with purple panicle
with # 16066 ditto

16069 small tree in dry
arroyo near # 16066
✓ leaves large, deep green, coppery
thick, folded in apillary
clusters several panicles

16070 low herb; fl purple-red
in pine barren slopes near ditto
16066

16071 Composite herb
on pine barren slopes ditto
with # 16066 bluish

16072 downy - tracking
fl purple. On dry
pine barren slopes with ditto
16066

Liebau or may be
tree trunk at foot of
pine barren near ✓
16073 Piedra Blanca at 600
ft. Oct. 14, 47, H. A. Alford

16074 Trailing legume
on pine barren with ditto
✓ # 16072

16075 *Seteria*-like grass
on pine barren slope ditto
near # 16072 ditto

16076 grass
with # 16072 ditto

16077 climbing woody, shiny
like sun-dew-leaf with
bushes; in arroyo
near # 16072 ditto

16078 Rubiaceae - linear
leaves - red tinged fl
small, white
in dry arroyo near # 16072 ditto

16079 *Seteria*-like grass
in dry rocky soil near ditto
16072

Low white-flowered herb
in moist arroyo on pine
16080 barren slope near
Piedra Blanca Oct. 14, 47
fl with long slender corolla tube

16081 Pungent panicum
In arroyo with ditto
16080

16082 Slender plant with
sharp leaves, white flowers
like heads, ditto
On moist barren rocky
pine slopes near # 16081

16083 delicate yellow-flowered
slender herb, with ditto
16082; showy.

16084 Grass - On pine barren
slopes near # 16082 ditto

16085 Legume slender,
crawling, ditto
with # 16082 ditto

16086 Rosette plant with
pinkish flowers ditto
with # 16082 ditto

Small yellow-fl. herb
On pine barren near same
16087 # 16086 data

16088 white fl delicate
herb, with # 16087 ditto
linear base.

16089 Low, compact
panicle - dry
dry rocky pine forest ditto
near # 16087

16090 Plant in water on rocks
in Maimon River at
foot of above pine barren ditto

16091 Shrub along river
near # 16090 ditto

16092 Posthuma
along Maimon River
near # 16090 ditto

16093 In water attached
to mud and rocks
with # 16090 ditto

Plant matted

in damp soil among

16094 rocks of Maimon River,
at foot of Sierra Nevada
near Piedra Blanca

10/14/47. Ha. allard

16095 Grass Paspalum
along Maimon River. ditto
in rocky soil overflown.

16096 Rose-pink flowered
fresia. Near Villa alta
Gracia on Duarate Highway
10/14/47. Ha. allard

16097 Pink flowered
Begonia - a tree
at Los Alcarizos.
fl. fragrant 10/14/47

16098 Dosmodium
My roadside near
16097 ditto

16099 Purple fl. trailing
legume; near # 16097 ditto

16100 Prostrate, perennial
legume with broad angular
toothed leaves, purple flowers
showy; near # 16099

Dioclea or Culicerae
in dry soil on pine slope
10/14/47 Ha. allard

16102 Lichen on wood -
high branches of tree
at Big Caves west of
Ciudad Trujillo, Oct. 17, 1947
Ha. allard

16103 Hibiscus on tree
near # 16102

✓ ditto

16104 Mones and Hepatic
on limestone rocks
and trees at above caves

✓ ditto

16105 Mones on bark on
log etc with # 16102

✓ ditto

16106 Mones bright green on very
dry soil situation on very
wet vertical walls near caves above ditto

✓ ditto

16107 Bluish green lichen
on tree near # 16102

✓ ditto

- 16108 Mosses on rock
 at Big ^{limestone} caves near (west) of Ciudad Trujillo
 Oct. 17, 1947 H.A. Allard ✓
- 16109 Hepatic, mosses
 on tree trunk near # 16108 ✓ ditto
- 16110 Moss - lichen
 on tree rocks near # 16108 ✓ ditto
- 16111 Lichen on tree
 near # 16108 ✓ ditto
- 16112 Hepatic on trees
 near # 16108 ✓ ditto
- 16113 Lichens on trees
 near # 16108 ✓ ditto
- 16114 Mosses on dead logs
 Near # 16108 ✓ ditto
- 16115 Mosses on dead logs at
 caves, with # 16108 Oct. 17, 1947 H.A. Allard ✓
- 16116 Moss on dead wood
 with # 16115 ✓ ditto
- 16117 Hepatic bright green
 on face of tree trunk with # 16108 ✓ ditto
- 16118 fungi on logs
 near # 16108 (for J.A. Steverson) ✓ ditto
- 16119 Myxomycete on leaves
 of tiny plant, near # 16108 ✓ ditto
- 16120 Mosses, lichens etc.
 on trees near # 16108 ✓ ditto
- 16120a
- 16121 Mosses on sticks
 with # 16108 ✓ ditto

- 16122 *Mosser* etc on
 dead parts of logs
 at big cañon in limestone
 rock near west of
 Ciudad Trujillo, G.
 Oct 17, 1947
 H.A. Allard
- 16123 *Mosser* etc
 on logs near # 16122 ditto
- 16124 *Mosser* on dead logs
 etc. in ravine
 near # 16122 ditto
- 16125 *Mosser* on dead
 logs near # 16122 ditto
- 16126 *Mosser* on logs etc
 Near # 16122 ditto
- 16127 *Mosser*, Hepatic on
 logs near # 16122 ditto
- 16128 *Mosser* etc
 on logs etc; near
 # 16122
- 16129 *Mosser* Hepatic on
 dead wood near
 # 16122 Oct 17, 1947
 ✓ H.A. Allard
- 16130 *Mosser* etc on
 dead logs near
 # 16122 Oct 17
- 16131 *Mosser* - lichens
 on dead logs
 near # 16122 ditto
- 16132 *Mosser* etc
 on dead logs with
 # 16122 ditto
- 16133 *Mosser* etc with
 # 16122 - on dead wood ditto
- 16134 *Mosser* - hepatic
 on dead wood near
 # 16122 ditto
- 16135 *Mosser* etc
 on dead logs near
 # 16122 ditto

Mosca, etc. in dead wood etc
at big cayes west of Lindoech
Trujillo in coral limestone
16136 Oct. 17, 1947, H.A. Allard

✓

16137 Mosca, hepatic
on dead bark of log
near # 16136 ✓ ditto

16138 Mosca etc. in dead
bark in ravine near
16136 ✓ ditto

16139 # Mosca, liverworts
in dead woods near # 16136 ditto
✓

16140 Mosca and fireworks
in dead sticks etc.
near # 16136 ✓ ditto

16141 Mosca, liverworts
in dead woods
Near # 16136 ✓ ditto

16142 Mosca, hepatic
in dead wood
near # 16136 ✓ ditto

Mosca, hepatic or off, 17
dead woods etc.,
16143 Near # 16136 H. A. Allard

✓

16144 Mosca, hepatic
with # 16136 ditto
✓

16145 Mosca, hepatic
near # 16136 ✓ ditto

16146 Mosca, hepatic
in dead sticks etc., ditto
Near # 16136 ✓

16147 Mosca in rocks
Near # 16136 ✓ ditto

16148 Mosca in rocks etc.
Near # 16136 ✓ ditto

16149 Mosca and hepatic
Near # 16136 ✓

Mosses, hepatic on
limestone (coral rocks) ab. big
cares near # of Ciudad Trujillo
Oct 17, 1947, H.A. allard

16150

✓

16151

Mosses etc on
trunks etc near # 16150 ditto

16151

✓

16152

Lichens on
wood, near # 16150 ditto

16153

Mosses etc on
bark - near # 16150 ditto

16154

Mosses, hepatic on
bark of trees near # 16150 ditto

16155

Mosses, liverworts
on bark etc # 16150 ✓ ditto

16156

Mosses, hepatic
on bark - near # 16150 ✓ ditto

16157

Mosses, hepatic
on bark etc, Oct 17, 1947
near # 16150 H.A. allard

✓

16158

Mosses, hepatic
on bark etc, near # 16157 ditto

✓

16159

Mosses, lichen etc
on bark of tree
near # 16150 ✓ ditto

16160

Mosses, hepatic etc on
trees near # 16150 ✓ ditto

16161

Lichens, hepatic etc
on trees at base
Near # 16150 ✓ ditto

16162

Mosses etc on
trees near # 16150 ✓ ditto

16163

Nepatia etc on
wood - near # 16150 ✓ ditto

Mosses, hepaticas etc
wood & ravines ab
Big Caves in coral limestone
near Cerdad Trujillo
Oct. 17, 1947
H.A. Allard ✓

16165 Mosses, lichens etc
in bark of trees & near # 16164 ditto
✓

16166 Mosses - hepaticas etc
in wood etc; near # 16164 ditto
16164 ✓

16167 Mosses, hepaticas
in trees & near # 16164 ditto
✓

16168 Mosses in rocks
Near # 16164 ✓ ditto

16169 Mosses etc
on rocks near
16164 ✓ ditto

16170

seed from same pink, fragrant flowered
Bauhinia tree at Los Alcarizos
16171 See # 16097 (Allard)

16172 seed from same Aristolochia
found at Pineda Blanca by Allard
1945-46 - see number for species

16173 Seed of very large var. of
Annona muricata - Ciudad
Trujillo - soft shiny perianth
on fruit. (see photo (from))

16174 Seed of small pointed var
of Annona muricata
Ciudad Trujillo -
see photo (from)

16175 seeds of jocilla tree
✓ Hura crepitans L. Oct 1947
Ciudad Trujillo
seed had size of nickel

16176 Seeds of lironillo
✓ Melicocca bijuga L.
Ciudad Trujillo (see photo)
Oct. 1947. H.A. Allard

16177 Seeds of Amelanchier alnifolia
- Spindly shrub L.
Ciudad Trujillo - Sept. 1947
see photo - H.A. Allard

Moss on bark of limb of
cajuc tree, Ciudad Trujillo,
Oct 18, 1947
H. Q. Allard

16178

16179 Lichens on same tree -
on bark with # 16178 ditto

16180 Lichens on same bark
of tree with # 16178 ditto

16181 Lichens on bark of same
tree with # 16178 ditto

16182 Lichens on bark of same
tree with # 16178 ditto
yellowish green Porella?

16183 Lichens on same tree
with # 16178 ditto

16184 Lichens on same tree
with # 16178 ditto

Orange colored lichen on
same tree with # 16178 Oct 18

16185

16186 Lichens on same tree
with # 16178 ditto

16187 White lichen on
same tree with # 16178 ditto

16188 Lichens (variose) on
same tree with # 16178 ditto

16189 Lichens on bark
of same tree with # 16178 ditto

16190 Lichens on bark of
same tree with # 16178 ditto

16191 Moss on same
tree near top with # 16178 ditto

16191a Lichen ditto

Lichens on bark of tree
near top of cajui tree in
16192 Ciudad Trujillo Oct. 18, 1947
H.A. Allard ✓

16193 Lichens on trunk of
Hura crepitans L.
Ciudad Trujillo -
Oct. 18, 1947. H.A. Allard ✓

16194 Lichens on bark of
tree near # 16193 ✓ ditto

16195 Lichens on old
fence post near # 16193 ✓ ditto

16196 Lichens - one small brilliant
yellow, one gray; on bark
of tree near # 16193 ✓ ditto

16197 Mosses - lichens
on Cajui tree Oct. 18.
near # 16193 ✓ ditto

16198 Lichens on bark of
Poinciana tree
near # 16193 ✓ ditto

16199 Lichens on Cajui tree
near # 16193 Oct. 18, 1947
H.A. Allard ✓

16200 Lichens on young tree
high up tree. Oct. 18, 1947
Ciudad Trujillo ✓

16201 Hepaticas, mosses at
base of a mango tree ✓
Ciudad Trujillo : ditto
near # 16193

16202 Mosses, hepaticas on
Same tree with # 16201 ✓ ditto

16203 Lichens on bark ✓
near # 16201 ditto

16203a lichens

16204 fungi - (gill)
on bark near # 16201 ditto

16205 Fern (small) ✓
limestone (coral) rock in
big caves near Ciudad H.A. Allard
Trujillo - Oct. 19, 1947

- 16206 *Mosser, hepatic*
 On dead wood in big
 cava west of Cirded Trityllo
 Oct 19, 1947
 Ha. allard ✓
- 16207 *Mosser* on wood
 near # 16206 ✓ ditto
- 16208 *Mosser* on dead
 wood near # 16206 ✓ ditto
- 16209 *Mosser* on old logs
 near # 16206 ✓ ditto
- 16210 *Mosser* on old logs
 near # 16206 ✓ ditto
- 16211 *Mosser, hepatic*
 on strangling fig tree
 near # 16206 ✓ ditto
- 16212 *Mosser* etc on
 wood and bark near # 16206 ✓ ditto
- 16213 *Mosser, hepatic*
 on tree etc near same
 # 16206 ✓ data
- 16214 *Mosser, etc*
 on rock near # 16206 ditto ✓
- 16215 *Mosser, hepatic*
 on dead wood near # 16206 ditto ✓
- 16216 *Mosser, hepatic*
 on dead wood etc on dead
 wood near # 16206 ✓
- 16217 *Mosser* etc on dead
 wood etc near # 16206 ✓ ditto
- 16218 *Mosser* etc on wood
 near # 16206 ✓ ditto
- 16219 *Mosser, hepatic*
 on wood near # 16206 ✓ ditto

- Monocot, leafy vine on
 logs etc at big Cacao nest
 of Cuckoo Trujillo ✓
 Oct. 19, 1947
 H.G. Allard
- 16220 Monocot, leafy vine on
 logs etc at big Cacao nest
 of Cuckoo Trujillo ✓
 Oct. 19, 1947
 H.G. Allard
- 16221 Monocot in wood etc
 near # 16220 ✓ ditto
- 16222 Lichen on bark of
 strangling fig tree
 # 16220 ✓ ditto
- 16223 Shrub near # 16220
 fruit green immature ditto
- 16224 Herbs - small whitish
 bl., near # 16220 ditto
- 16225 Shrub - green
 fruit only
 near # 16220 ditto
- 16226 Masses
 in logs etc ✓ ditto
 near # 16220
- Blue flowered bush climbing
 legume - in cacao
 16227 near # 16220 same date
 Has large, root like
 sweet potato; not edible.
 Native name = Jicamo.
- 16228 Lichen on
 tree de Playa tree
 Playa Beach, Oct. 19, 1947
 H.G. Allard
- 16229 Lichen on same tree
 with # 16228 ✓ ditto
- 16230 Lichens on
 tree de playatree
 near # 16228 ✓ ditto
- 16231 Lichens on same tree
 with # 16228 ✓ ditto
- 16232 Lichens on same
 tree with # 16228 ditto
- 16233 Lichens on same
 tree with # 16228 ditto

- Lichens on tree lira
de Playa - at Haina
Beach - Oct. 19, 1947
H.A. allard
- 16234 Lichens on tree lira
de Playa - at Haina
Beach - Oct. 19, 1947
H.A. allard
- 16235 Lichens on same tree
with # 16234
- Tree 16228
- 16236 Lichens on tree
near 16228
- lira de Playa
- 16237 On lichen
same of tree -
near # 16228
- 16238 Lichens
in same tree with
16237
- 16239 Lichens on roots
spooned of Royal Palm
- near # 16237
- 16240 Moss in rotten notch
of lira de Playa
- near # 16237
- Orange red lichen on
bark of lira de Playa
- Haina Beach
- Oct. 19, 1947
- 16241 Haina Beach
- Oct. 19, 1947
- 16241a algae
- 16242 Cattail on coral rock
near Haina Beach -
2-3 ft tall = Open hair
Flowers pale green
fruit very juicy with carmine
Fruit 2-3 in long juice
- 16243 Sedge
on rocky ledges of coral rock near 16242
- 16244 Sedge,
with # 16243
- 16245 yellow flowered
plant covering same rocks
near # 16243
- 16246 Grass
with # 16243
- 16247 Grass with #
16243

grass on coral rock
outcrop near Haina Beach
Oct. 19, '47. H.A. Allard

16248

grass ^{mean}
16248 ditto

16250 pink flowered fls.
trailing legume
with # 16248 - shiny
✓

16251 Compare to - keep
fl. small, white, dry
woods near Colonia Ramírez,
at 1600 ft Oct. 20, '47

16252 Pilea ^{H.A. Allard} rotundata
In heavy shade with ditto
16251

16253 herbaceous
in woods with # 16251 ditto

16254 low shrub
fl. white
near # 16251 ditto

grass - In woods near same
date
16251

16255

16256 low herb - white fl.
In old banana planting
near # 16251 ditto

16257 Begonida
In woods near 16251 ditto
fl. white and red
shiny,

16258 Aristotelia -
trailing in woods ditto
near # 16251
Pods reddish

16259 Legume; fl. small blue;
climbing over herbs
roadside near # 16251 ditto

16260 Tomyato, in open
thicket near # 16251 ditto

16261 Piper - low shrub
near # 16251 ditto

Coffee leaves with leaf spot
disease. Near Colonia Ramfis
at 1600 ft., in woods

16262 Oct 20, 47

H. A. Allard

for J. E. Stevenson

16263 Herb. in woods

near # 16262

fl. greenish - in heads like ditto
closer?

16264 Diiodia ? Rubiaceae

fl. small, white, ditto
Roadside near # 16262

16265 Low shrub

In shaded woods

near # 16262

ditto

16266 Small plant near

16262

leaf spots

✓ ditto

16267 Delicate Poa

in shade of woods

near # 16262

ditto

16268 Short grass in

woods near # 16262

ditto

grass. In shade same date
near # 16262 date str.

16269

16270 Yellow fl. Bistorta? (Composita) In woods
near # 16262 ditto

16271 Paspalum

In woods near # 16262 ditto

16272 I spined

Fls. deep rose.

Thicketed near # 16262 ditto

16273 Shrub. fl red.

leaves very rugose

Near # 16262 ditto

16274 Yellow fl. Marigold

✓ Edged in gullies by roadside near # 16262 ditto

very showy

16275 Fern plants
near Colonia Ramfis
on rocky banks (dry) ditto

Trailing Pilea - On
bank of deep cut near
16276 *Colognia Parviflora* ab
1200 ft., Oct. 20, 1947
H.A. allard

16277 Moss on moist earth
of bank near # 16276 ditto
✓

16278 *Clitoria* - fl. blue-purple
climbing over boraginaceae ditto
near # 16276

16279 weak, drooping, climbing
shrub; fl. pinkish and
red. Near # 16276 ditto.

16280 Lichen on dead
bark in woods ab 1600 ft.
near *Colognia Parviflora* ditto
Oct. 20, 47 H.A. allard

16281 Lichen with
16280 ✓ ditto

16282 Lichen with
16280 ✓ ditto

Mosses on dead wood
etc. near # 16280. same date,
16283 data
✓

16284 Lichen on dead
wood etc. near # 16280 ditto
✓

16285 Lichen on old log
etc. near # 16280 ditto
✓

16286 Lichen on old log ditto
etc. near # 16280
✓

16287 Mosses on old log
etc. near # 16280 ✓ ditto

16288 Mosses on
old log etc. near ditto
16280

16289 Mosses on
old log etc. near ditto
16280
✓

Mosses on old logs
etc., at 1600 ft., in sun ✓
16290 near Colonia Panifica
67, 20, 47, H.A. Allard

16291 Mosses etc.
on logs, base trees
etc., near # 16290 V ditto

16292 Mosses in dead wood
etc., near # 16290 V ditto

16293 Mosses in logs
etc., near # 16290 V ditto

16294 Mosses in dead
logs etc., near # 16290 V

16295 Mosses on dead logs
etc., near # 16290 V ditto

16296 Mosses in dead logs
etc., near 16290 V ditto

Mosses on earth,
rocks, etc. near some
data
16297 # 16290 V

16298 Mosses on soil
etc., near V ditto
16290

16299 Mosses on soil,
rocks etc., near V ditto
16290

16300 Mosses, dry
on rocks etc., near
16290 ditto

16301 Mosses, hepatic
on bark, logs etc. V ditto
near # 16290 V

16302 Mosses, hepatic
on bark, logs etc. V ditto
near # 16290 V ditto

16303 Mosses, hepatic
on bark, soil etc. V ditto
near # 16290 V ditto

Mosses hepaticae
in bark, logs etc ab 1600 ft
16304 near Colonia Ranfis,
Oct 20, 47 Haallad
✓

16305 Hepaticae etc on
bark of tree near base, year # 16304 ditto
brilliant green ✓

16306 Mosses etc on logs
bark etc, near # 16304 ditto
✓

16307 Mosses, hepaticae etc
on bark, etc near
16304 ✓ ditto

16308 Mosses, hepaticae
on bark of trees
etc. near # 16304 ditto

16309 Mosses, hepaticae etc
on bark, logs etc
near # 16304 ditto

16310 Mosses, hepaticae etc
on bark, logs etc
near # 16304 ✓ ditto

Lichens on trunks of same date
trees etc., near # 16304

16311

and

16311a

16312 Plant clinging to tree trunks
not in blar; oval leaves;
near # 16304 ✓ ditto

16313 Coffee leaves with lichens on
upper surface; near # 16304 ditto
Oct 20 ✓

16314 Mosses on tree trunks,
dead wood etc:
near # 16304 ✓ ditto

16315 Mosses hepaticae on
tree trunk, dead wood
etc, near # 16304 ✓ ditto

16316 Lichens on tree trunks
near # 16304 ✓ ditto

16317 Lichens on tree
trunks etc. near
16304 ✓ ditto

Mosses in tree trunks
at 1600 ft. near Colonia Román
Oct. 20, 1947
H. Allard ✓

16319 Lichens in trees
near # 16318 ✓ ditto

16320 Lichens in trees
near # 16318 ✓ ditto

16321 Lichens on bark of
trees near # 16318 ✓ ditto

16322 Lichens on bark of
trees near 16318 ✓ ditto

16323 Lichens on bark of
trees near 16318 ✓ ditto

16324 Lichens on bark
of trees near 16318 ✓ ditto

Lichens on trees
etc., near # 16318 says
data in
16325 ✓

16326 Lichens in tree
etc.
near # 16318 ditto

16327 Lichens in tree, dead bark
etc., near # 16318 ✓ ditto

16328 Lichens on tree
bark; near # 16318 ✓ ditto

16329 Lichens on Janilla
tree - dead near
16318 ✓ ditto

16330 Lichens on tree bark
etc., near # 16318 ditto

16331 Mosses, hepaticae
on bark etc.
near # 16318 ✓ ditto

16331a lichens ✓

Mones etc. on twigs
of trees at 1600 ft near Colonia
Panfís, Oct. 20, '17
H.A. Allard

16333 *Mones* etc., on twigs of tree
near # 16332

✓ ditto

16334 *Mones* - *lycium*
on bank th; near
16332 ✓ ditto

16335 *Mones* - *hepatic* - in shaded
moist bank near
16332 ✓ ditto

16336 *Mones* - *hepatic*
on bank near
16332 ✓ ditto

16337 *Mones*, *hepatic*
on moist, shaded bank ✓ ditto
near # 16332

16338 *Mones*; *hepatic* on
moist, shaded bank near ✓ ditto
16332

Mones hepatica
on moist bank
near # 16332 ✓

16339

16340 *Licaria*, *hepatic*
on moist bank
near # 16332 ✓

16341 *Hepatic* on moist
bank near # 16332 ditto

16342 *Hepatic*, *mosses*
on moist bank near ✓ ditto
16332

16343 *Hepatic* on moist soil
on moist bank
near # 16332 ✓ ditto

16344 ✓ Purple fl. *Acanth.*
on lawn, near Embassy ditto
Oct. 21, 1947

16345 *Centrosema virginiana* (guess)?
In thickets of *Cindocal* Trujillo ditto
near Allard's fl. purple like
climbing Oct. 22, 1947 H.A. Allard

large, flavor Clitoria -
large climbing fl., large white
middle of standard and tips of wings
magenta purple; blue/purple w/te
only. Very showy, fl 2-3 long, wide
or more. Thickets west of Cined Trifllo

Oct. 22, 47, H.A. Allard

✓ 16347 Desmodium - slender pub.
Near # 16346; fl white, ditto
2-3 feet tall

16348 Wild or scapd Mimosa;
fl. white, in thickets ditto
with # 16346

✓ 16349 Vine, lying over shrubs etc.
by tendrils - fl white, small
in narrow leaves
In high overgrown thickets
Trifllo on coral formation

✓ 16350 Legume - shrub
Oct. 23, 47, H.A. Allard
near # 16349

✓ 16351 Shrub - yellow, nodding fl
rather showy - Malvaceae fl
Near # 16349

✓ 16352 Viny shrub; fl. small
white, cymbose -
in thickets near # 16349 ditto

scrub - 5-6 ft. or more
Branchlets rusty hairy
16353 Indigofera H 16349
Oct. 23, 47, H.A. Allard

✓ 16354 Desmodium - fl. small
with purple blue standard ditto
Pondside near # 16353 ditto

✓ 16355 Acanthaceae - low -
herbaceous - creeping by stolons
fl purplish blue; a need for
lawn site; very abundant.

✓ 16356 Near # 16353
Grass - *Cenchrus*
Along roadside near # 16353 ditto

✓ 16357 wild, white flowered Coral vine
Roadside near # 16353 ditto

✓ 16358 Herb with odorous smell
flwr - Roadside near
16353 ditto

✓ 16359 Dicksonia lining bank
west of Cined Trifllo on
coral rock forest on
Oct. 24, 1947
H.A. Allard

woody vine on thicket
at officidad Trujillo on coral
rocks formation 6/24/47
16360 Ha, Allard

✓

16361 Lichens on living bark ✓ ditto
near # 16360 ✓ ditto

16362 Lichens on living bark ✓ ditto
Near # 16360 ✓ ditto

16363 Lichens on living bark near # 16360 ✓ ditto

16364 Lichens on living bark near # 16360 ✓ ditto

16365 Morsa, high stems on living bark of tree of trees near # 16360 ✓ ditto

16366 Phaseolus lunatus in thicket near # 16360 ✓ ditto

Jugum - small deep rose papilionaceous flowers; near # 16360
16367 ditto

16368 Low vine with # 16360 fl. small greenish - Passiflora? ditto

16369 Grose - On coral rocks near # 16360 ditto

16370 Passiflora - vine near # 16360; fl. greenish ditto

16371 Small vine on coral rocks mounted in plastic st; fl. small, yellow ditto
Near # 16360

16372 Solanum - fl. white 5-6 ft tall; Near # 16360 ditto

16373 Ipomoea L deep rose -
Near # 16360 ditto

grass climbing over
scrubs. On coral rock

16374 formation west of
Ciudad Trujillo

Oct. 24, 1947

H.A. Allard

16375 woody vine - small? ^{seed}

Scrambling over shrubs?

near # 16374 ditto

16376 Ipomoea batatas

Sweet potato

In water pond near

16374: fl white w/

corolla throat)

shrub - 6-8 ft - fl

yellow malvaceous

Near # 16374 ditto

16378 ✓ vine - cucurbitaceous

fl yellow; near

16374 ditto

16379 Ipomoea - fl - purple

Near # 16374 ditto

16380 cucurbitaceous vine

fl yellow; fruit orange

Near # 16374 ditto

low mat plant -
fl. white in thin
soil near # 16374

Same
data

16381

16382

16383

16384

16385

16386

16387

Liane ^{seed}
Cuidad Trujillo Oct. 26,
H.A. Allard

Jasilla flowers spike
and leaves; spike
spike one-shaped dark
red

Between Coctepec and Jarabua
at 3500 ft. Oct. 26, 1947

H.A. Allard

Intana
fl. lilac purple

Legume - fl. deep rose - small,

showy flowers?

Near # 16384 ditto

Grass - Near highway

Near # 16384 ditto

Near # 16384 ditto

on highway between Contamana and
Jarabanda at 3500 ft,
shrub-leaves very scarious,
fl. white, with fringed petals

16388

✓

Small white fl. plant

in dry soil near # 16388

same
date,
data
etc

16395

✓
Coryphyllocaea ?
stellaria ?

16389

✓
Salamandra - tall 5-6 ft

Near # 16388

ditto

16396

✓
Diodia - Rubiaceae
Near # 16388
fl. white
low - matrata

ditto

16390

✓
Setaria

grass Near # 16388

ditto

16397

✓
shrub - 4-5 ft

fl. white near # 16388

ditto

16391

✓
low shrub; fl. in heads,
small, white
Near # 16388

ditto

16398

✓
Composite
fl. whitish or pinkish
Near # 16388

ditto

16392

✓
Trailing *Desmodium*
on dry bank near
16388 fl. bluish

ditto

16399

✓
Composite *Polygala*
near # 16388, in dry
soil fl. rose

ditto

16393

✓
Composite

Erigeron ?

Near

16388

ditto

16400

✓
Same sh. of *Polygala* as
16399 - fl. pure white
Both growing together

ditto

16394

✓
Euphorbia - succulent

Near # 16388

ditto

16401

✓
Low shrub; fl. deep rose

Near # 16388

ditto

along highway in pine str
between Jardín Barva and

16402 Costanja, ab 3500 ft,
Oct. 29, 1947, H.A. Allard

Terrestrial

H. humile,

✓ 16403 Pilea - trailing
Near # 16402

ditto

16404 ✓ Pilea, erect; on
moist bank near # 16402 ditto

16405 Composite. In gully
near # 16402; heads
yellow - far from habitation

ditto

✓ 16406 Low shrub
fl deep rose
Near # 16402

ditto

16407 Tall herb; stems covered
with sharp needle-like
spines; flowers pink. ab 3500
ft tall

ditto

16408 Panicum
On moist bank
near # 16402. In
pine forest.

Shrub; Hypericaceae.

fl. yellow. Near # 16402
on pine slopes

✓
date,
data,
etc.,

16409

✓ 16410 Composite; fl. white
Tall shrub; near
16402

ditto

16411 mostly vine high climbing
fl deep yellow, showy;
corolla short tubular
Near # 16402

ditto

16412 At La Cumbre at 4000 ft
between Costanja and
Jardín Barva. Oct. 29, 47
H.A. Allard.
Large bromeliad on tree -

ditto

16413

✓ Near # 16412
very damp, almost mossy forest
here

ditto

16414 Aneurodysia
entellinianum?
Near Costanja - wild.
ab 3400 ft Oct. 29.
H.A. Allard

16415 Very showy woody vine
on fence in Costanja; fl.
Very showy purplish hue
Oct. 29. H.A. Allard

In Costanza Valley at
3400-3500 ft. Oct. 29,
In red, black gumbo soil
H.A. Allard

16416

J

16417 Near Costanza on
slope at 3400 feet
Oct. 29, 1947
H.A. Allard

ditto

16418 bromeliad
at La Cumbre at 4000 ft
between Costanza and
Jaramillo Oct. 29, H.A. Allard

J

16419 Middle in tree
with # 16418

ditto

16420 Solanum
Near # 16418

ditto

16421 High-climbing woody
vine; fl. in dense, drooping
racemes, one inch or more long
Deep purple; very showy
Climbs high in trees &
bamboo

✓

16422 vine; fl. large
near # 16418

like morning glory, deep
rose pink, leaves with 5-6 palmate
leaflets, very showy, new 11/18

Diodia 3, Rubiaceae
fl. white -
16423 Near # 16418

Oct. 29, 1947

H.A. Allard

✓

16424 Solanum 5-6 ft.
Near # 16423

ditto

16425 Low, creeping plant
in damp soil in shade
near # 16423; abundant ditto
fl. whitish with pink tips on
corolla lobes.

16426 Shrub; fl. white
Near # 16423

ditto

16427 Diodia - Rubiaceae
Near # 16423
H. white

ditto

16428 yellow-eyed grass
fl. yellow
Near # 16423; in
clump

ditto

16429 leaf spot identified on
Confederate Oct. 29
on Path near # 16423

ditto

at La Cumbe between Constanza
and Jarabara - abt 4000 ft

Oct. 29, 1947

16430 H.G. Allard
In pine forested territory
Sown on grass; for Path.

16431 Eupatorium: fl. purple
in Constanza Valley
ab 3400 ft. Oct. 29, '47 ditto
H.G. Allard

16432 Purple like fl. like
a wild Gramine: lower
with reddish shade in middle ditto

16433 Sambucus
Near # 16431; cultivated
for medicinal virtues ditto

16434 Malvaceae
Tall 2-3 ft
fl. bluish purple; petioles
with darker long hairs of deeper
purple; globose; also cult.

16435 in Constanza
Morning glory
In Constanza Valley - on
hillside near # 16432 ditto

16436 fl. deep rose
Common
fl. white, in heads
near # 16432

low, moist soil plants;
fl. very small
whitish to whitish
Near # 16432
in bush

Same
date
data
etc

16437 Oct. 29, 1947

✓
16438 Phytolacca - on road
to Valley Nuevo from
Constanza Oct. 28, '47 ditto
at 4000 feet: tall, fl. pink;
showy; common
pink fl. Polygala
in pine forest near # 16438 ditto

16439
✓
16440 Papaveraceae
Near # 16438 ditto
4-5 feet

16441 Lantana - fl. orange to
red; in pine forest near # 16438 at 4000 ft ditto

16442 Centrosema
in thickets Dicot
16438; common
fl. purple. Blue ditto

16443 Rubiaceae
fl. white. Diodea
near # 16438 ditto

- Grass in pine forest
near on road to Valley Nuevo
from Constanza Oct. 28
1947, at 4000 ft. H.A. alland
down in pine forest to 4100 ft.
-
- 16444 Sedge. Dry red spot
in pine woods near # 16444 ditto
-
- 16446 Shrub; berries dark red;
leaves with cypress
variation beneath - in mid-rib and laterale. fl. large
-
- 16447 Near # 16444 deep crimson
legume, trailing, in pine
fl. deep rose purple ditto
Near # 16444 few a few drooping
-
- 16448 Composite
Near # 16444 ditto
-
- 16449 Aster fl white pink
Near # 16444 ditto
-
- 16450 Sedge
Near # 16444 in
wet scrub woods; common

- Panicum
In pine forest near
16444 same date, date ch.
at 4100 ft
-
- 16452 In pine forest
* 16444 ditto
fl. white at 4100 ft
-
- 16453 Salvinia
Near # 16452 ditto
at 4100 ft
-
- 16454 Desmodium
Near # 16452 ditto
Trailing at 4100 ft "
-
- 16455 Fern on rocks near
at 4100 feet in pine
forest, near # 16452 ditto
-
- 16456 Mint; fl. whitish
to pinkish
with # 16452 ditto
-
- 16457 Commelinia; fl. light blue
with # 16452 ditto

Saling ~~upto H.~~
In moist pine forest in good
soil from Constantia to Valle Nuevo
16458 Oct. 28, 1947
Hab. hillside at 9100 ft

16459 Near # 16458
Subsp; bl white to ditto
pinkish on back of petals,

16460 Grass - Poa ?
Near # 16458 ditto

16461 Andropogon.
In pine forest near
16458 ditto

16462 Mint; bl whitish; lower lip
pink; near # 16458 ditto
3-4 ft.

16463 Hieracium.
In pine forest near
16458 ditto
bl yellow.

16464 Andropogon
Near # 16458 ditto

16465 Polygala
Bl. Rose
Near # 16458 same date
data

16466 Sedge
In red spot in pine
forest near # 16458 ditto

16467 Begonia
In pine forest near
16458 ditto
pink fl.

16468 Eupatorium
2-3 ft; bl black-purple
Near # 16458 ditto

16469 Setaria
Near # 16458 ditto

16470 Bidens
Yellowish heads
Near # 16458 ditto

16471 Persicaria
Near # 16458 ditto

sedge
In moist soil near spring
in moist pine forest at 4100 ft
16472 on road from Compania to
Valle Nuevo Oct. 28, '47
H.A. Allard

16473 Large yellow flowers -
showy - 34 ft
Near # 16472 ditto

16474 Conf.
Near # 16472 ditto

16475 *Panicum* - stiff - in
mch pine slope -
near # 16472 ditto
Stiff, wiry,

16476 *Galeum* - prostrate
descending,
Near # 16472 ditto
fl. white

16477 Low, creeping, in moist
Near # 16472 ditto
Primulaceae

16478 *Polygonum*; fl. white +
In shade with # 16477 ditto

Setaria ? same
Near # 16472 date
16479 data, ch

16480 woody vine very showy
fl. like morning glory, deep
rose; leaves 5-6 palmately
lobed; same as 16472 ditto
very showy. Near # 16472

16481 *Cassia*
fl. yellow; low shrub
Near # 16472 ditto

16482 *Mikania*; fl. white
in moist pine forest
near # 16472 ditto
fl. not fragrant.

16483 Composite
fl. small yellow
Hairs glutinous & frayed
with long glutinous hairs ditto

16484 *Panicum*
in pine forest at 4200 ft
on road from Compania to
Valle Nuevo, Oct. 28 ditto

16485 Shrub; branched
like a *Berberis* H.A. Allard
Near # 16484 ditto

Pulga -
At 4200 ft. in moist,
almost mossy pine forest on road
16486 from Contanqa to Valle Nuevo
Oct. 28, 1947
H.A. Allard

16487 Tall shrub or small tree
near # 16486 ditto
leaf shat. fm U.S.D.A.

16488 Panicum
Near # 16486 ditto

16489 Cassia
fl. yellow - shrub ditto
Near # 16486

16490 Tall Legume; fl. bluish
4-5 ft.
Near # 16486 ditto

16491 Bidens - heads yellow
Near # 16486 ditto

16492 Pilea - trailing
Near # 16486 ditto

Gaultheria
At 4000 ft
on road from Contanqa
to Valle Nuevo; Oct. 28
in mossy pine forest.
H.A. Allard fl. white

#16492 A Hieracium
with # 16492 A ditto
fl. yellow

16492 C Panicum
with # 16492 A ditto

16492 D Trailing; fl.
greenish white
with # 16492 A ditto

16492 E Passiflora -
climbing - fl. yellowish
common in this forest ditto
with # 16492 A

16492 F Pilea - trailing
Near # 16492 A ditto

16492 G Composite; fl. small
yellow
Near # 16492 A ditto

- Rubiaceae fl. white
 Ascending, on road from
 Constanza to Valle Nuevo
 at 4100 ft., Oct. 28
 ✓ H.A. Allard
 in pine forest
-
- 16493
 ✓ Lvs, matted Panicum
 in forest near # 16493 ditto
-
- 16495
 Composite; fl. small
 yellow Near # 16493 ditto
-
- ✓
 16496
 Panicum
 Near # 16493 ditto
-
- 16497
 Sideria?
 Near # 16493 ditto
-
- 16498
 Grass
 Near # 16493 ditto
-
- ✓ 16499
 Malvaceae
 fl. purple with darker
 lines, Constanza Valley
 Oct. 28, 1947
 shiny H.A. Allard

- Tillandsia
 On trees at 4000 ft.
 on road from Constanza to
 Valle Nuevo
-
- ✓ 16500
 On the Sabinalte
 # 16501 H.A. Allard
 ✓ very abundant in
 pine forest.
-
- 16501
 ✓ Wreath Sabinalte - Cedar
 In Constanza Valley at
 3400 ft. photo ditto
 near hotel
 Penals made of the wood,
 Galina
-
- ✓ 16502
 ✓
 in Constanza Valley
 at 3500 ft near
 Constanza, Oct. 28, 1947
 H.A. Allard
-
- ✓ 16503
 J wild rose or fl. white
 in road from Garabaua
 to Constanza and near La
 Cumbe Oct. 27, 1947
-
- ✓ 16504
 ✓
 H.A. Allard Flowers deep rose
 Mares etc at
 La Cumbe on road
 from Constanza to Garabaua ✓
-
- ✓ 16505
 4000 ft Oct. 29, 1947
 H.A. Allard
 Same with # 16504 ✓ ditto
-
- ✓ 16506
 Mares etc
 near # 16504 ✓ ditto

Moses et al. coll.
at La Gumbre at 4800 ft
in road from Jarabua
to Constanza Oct. 29,
H.A. allard

16508 Mopane, hepaticach
with # 16507 ✓ ditto

16509 Moses et al
with # 16507 ✓ ditto

16510 Mopane et al
with # 16507 ✓ ditto

16511 Mopane et al
with # 16507 ✓ ditto

16512 Moses et al
and
16512a near # 16507 ✓ ditto

16513 Moses, hepaticach
in wood, tree et al ✓
near # 16507 ✓ ditto

Mopane et al;
with # 16507 Same date,
data etc

16514 ✓

16515 Moses et al
with # 16507 ✓ ditto

16516 Moses et al
with # 16507 ✓ ditto

16517 Mopane et al
with # 16507 ✓ ditto

16518 Moses, hepaticach
with # 16507 ✓ ditto

16519 Mopane et al
with # 16507 ✓ ditto

16520 Mopane et al
with # 16507 ✓ ditto

Mosses, hepatic
in st in wall to
valley Nuevo from Coatzacoalcos
at 4200 ft. Oct. 28
H. G. Allard
In moist pine forest ✓

16522 Mosses etc
with # 16521 ✓ Oct. 28
ditto

16523 Mosses etc
with # 16521 ✓ ditto

16524 Mosses etc
with # 16521 ✓ ditto

16525 Mosses etc
with # 16521 ✓ ditto

16525a lichen -

16526 Mosses etc
with # 16521 ✓ ditto

16526a lichen.

16527 Mosses etc
with # 16521 ditto

16527a lichen ✓

Mosses hepatic etc same
with # 16521 date
data!

16528

16528a lichen ✓

16529 Lichens mostly
with # 16521 ✓ ditto

16530 Lichens
with # 16521 ✓ ditto

16531 Lichens
with # 16521 ✓ ditto

16532 Lichens
with # 16521 ✓ ditto

16533 Lichens with
16521 ✓ ditto

16534 Fruticose lichens
Oct. 28 ditto

✓

Lichens on trees etc
at 4100 ft., on road from
16535 Comstanya to Valle Nuevo
6-8-28, 1947
H.A. Allard

16536 Lichens etc
near # 16535 ditto

16537 Lichens etc
with # 16535 V ditto

16538 Fruiting lichens
with # 16535 V ditto

16539 Cladonia
on logs etc
Near # 16535 V ditto

16540 Lichens
with # 16535 V ditto

16541 Lichens
near # 16535 V ditto

Lichens on bark etc same
near # 16535 date
16542 ditto etc

16543 Lichens with
16535 V ditto

16544 Lichens
with # 16535 V ditto

16545 Lichens
with # 16535 V ditto

16546 Lichens
with # 16535 V ditto

16547 Lichens with
16535 V ditto

16548 Lichens with
16535 V ditto

Lichens
collected at 4100 feet
near on road to Valle
Nuevo from Comitancillo
6 ft 28, 77, H.A. Allard

16549 Lichens
Near # 16549 ✓ ditto

16551 Lichens
Near # 16549 ✓ ditto

16552 Lichens
Near # 16549 ✓ ditto

16553 Lichens
Near # 16549 ✓ ditto

16554 Lichens
Near # 16549 ✓ ditto

16555 Lichens
Near # 16549 ✓ ditto

#16555 A Lichens
Cladonia - red heads same
near # 16549 - on date
dead wood ✓ date

#16555 B - Pewter Olive green
soft lichen - really
cup with wavy sides
on tree near # 16549 ✓ ditto

#16555 C Cup fungi
on Dead wood ditto
near # 16549

#16555 D Mosses
Near # 16549 ✓ ditto

*16555 E Fruticose lichens
in pine trees
Near # 16549 ✓ ditto

#16555 F. Lichens
Near # 16549 ditto

#16555 G. Lichens
Near # 16549 ditto
on trees

- Lichens etc collected
at 4500 feet in wood
16556 to Valle Nuevo from
and constanza Oct. 28
16556a O.H. allard ✓ L
-
- 16557 Mosez etc
near # 16556 ✓ ditto
-
- 16558 Mosez
near # 16556 ✓ ditto
-
- 16559 Mosez
near # 16556 ✓ ditto
-
- 16560 Mosez etc
near # 16556 ✓ ditto
-
- 16561 Mosez etc
Near # 16556 ✓ ditto
-
- ~~16562~~ Lichen etc
near # 16556 ✓ ditto

- # 16562 A Lichen same
Near # 16556 date
✓ ditto
-
- * 16562 B Lichen etc ✓
near # 16556 ditto
-
- * 16562 C Lichen with
16556 ✓ ditto
-
- * 16562 D Lichen with
16556 ditto
-
- * 16562 E Lichen ✓
with # 16556 ditto
-
- * 16562 F Lichene
Near # 16556 ditto
-
- * 16562 G ✓
Near # 16556 ditto

- Mouses collected
at 4550 ft; near road
leading from Coatzacoalcos
to Villa Nuevo
- 16563 Oct. 28, 1947 ✓
H.Q. allard
-
- 16564 Mouses
Near # 16563 ✓ ditto
-
- 16565 Mouses
Near # 16563 ✓ ditto
-
- 16566 Mouses
Near # 16563 ✓ ditto
-
- 16567 Mouses etc
near # 16563 ✓ ditto
-
- 16568 Mouses
near # 16563 ditto
-
- 16569 Mouses, before
near # 16563 ✓

- 16570 ✓
-
- 16571 Mouses etc
near # 16563 ✓ ditto
-
- 16572 Mouses etc
near # 16563 ✓ ditto
-
- 16573 Mouses etc
near # 16563 ✓ ditto
-
- 16574 Mouses etc
near # 16563 ✓ ditto
-
- 16575 Mouses etc
near # 16563 ditto
-
- 16576 Mouses etc
near # 16563 ✓ ditto

Lichens upon rocks
leading from Coateya to
16577 Valle Nuevo Oct. 28
✓ at 4500 feet ^{N.d. alluv}

16578 Lichens
Near # 16577 ✓ ditto

16579 Lichens
Near # 16577 ✓ ditto

16580 Lichens
Near # 16577 ✓ ditto

16580a ditto ✓

16581 Lichens
Near # 16577 ✓ ditto

16582 Lichens near
16577 ✓ ditto

16583 Lichens
Near # 16577 ✓ ditto

16584

✓

16585

✓

Lichens near
16577 ✓ ditto

16586

✓

Lichens near
16577 ✓ ditto

16587

✓

Lichens near
16577 ✓ ditto

16588

✓

Lichens near
16577 ✓ ditto

16589

✓

Lichens near
16577 ✓ ditto

16590

✓

Lichens
Near 16577 ✓ ditto

Lichens collected
at 4550 feet near road
from Consuegra to Valle
Nuevo. Oct 28, 1947
H.A. Allard ✓

16592 Lichens ✓
Near # 16591 ditto

16593 Mosses, hepatic
near # 16591 ✓ ditto

16594 Mosses etc
Near # 16591 ✓ i ditto

16595 Mosses etc
Near # 16591 ✓ ditto

16596 Mosses etc
Near # 16591 ✓ ditto

16597 Lichens
Near # 16591 ✓ ditto

Lichens
Near # 16591 date,
data,

16598 ✓

16599 Lichens
Near # 16591 ditto
on pine trees
at 4500 ft

16600 Teloschistia
On trees near
16591; abundant, ditto

16601 Sprig of tall slender
Glossy leaved tree common
Planted in Ciudad Trujillo
Oct. 31, 1947, H.A. Allard
See photo.

16602 Leaves of Zamia with leaf spot
Ciudad Trujillo Oct. 27, 1947
H.A. Allard cycas circinalis

16603 Moss at base of tree, on
logs, ground etc., in thickets
or coral rock formation near
Ciudad Trujillo Nov. 1, 47

16604 H.A. Allard
and Moss etc, hepatic
near # 16603 ditto

16604a ✓

Lichens etc on living wood
near Ciudad Trujillo, Nov. 2 '97
H.A. Allard

16605

✓

16606

Lichens etc near

16605

✓ ditto

16607

Lichens near

16605

✓ ditto

16608

Lichens near

16605

✓ ditto

16609

Lichens near

16605

✓ ditto

16610

Hepatic

near # 16605

ditto

16611

Lichens at base of

young trees etc near of

Ciudad Trujillo one mile
on Coral Park formation. Nov. 3

H.A. Allard

Mosses, hepatic
near # 16611

16612

✓

same
date
data,
,

16613

Mosses, hepatic

near # 16611

✓

ditto

16614

Mosses, hepatic

near # 16611

✓

ditto

16615

Mosses etc

near # 16611

✓

ditto

16616

Mosses etc

near # 16611

✓

ditto

16617

woolly climbing vine

fl. fragrant, white, small diff.
in shapes or scents, Villany

Nov. # 16611

✓

16618

Huracapitosa - Sandal tree ditto

✓

Javilla. fl dark crimson.

16618a

Nov. # 16611

Ptychostylis

Citernia - fl. very large, white
broadspur with standard white,
central deep purple red go
yellow tips of wings and heel
High Chichigalpa Ciudad Trujillo
in deciduous forest. Visited by
a large black vulture

16620 Lichen - moth on
Cedrus (Cajuput type) nest
of Ciudad Trujillo Nov 5, 1947
H.A. allard

16621 Lichen on same
tree near # 16620 V ditto

16622 Mosses on Cedar tree
near # 16620 ditto

16623 Lichens
on Pinus resinosa
16620 - lichen V
small bright yellow ditto

16624 Lichens on Cedar
tree near # 16620 ditto

16625 Tell shrub - fl. white
Piedra del Rio Marañon
specimen collected Nov. 5.
H.A. allard

Saguinus - mostly white - fl. large very
showy, crimson. On trail near
16625
Piedra Island, in mangrove
forest date

16626

V

16627 Ion plant; hide on leaves
along Mairon River near
Piedra Island, in mangrove
Nov. 5, 1947
H.A. allard

16628 Found on tree of 20 feet
small yellow
Near # 16627 ditto

16629 Epidendrum - fl. orange-red
On tree near # 16627 ditto

16630 others on bark of tree
driving far up -
Near # 16627 ditto

16631 Tree - Piper - lichens
on leaves
Near # 16627 ditto

16632 mostly large-leaved
trees along Mairon River
see photo Nov. 5, 1947 ditto

- Mistletoe hanging from
trees in gift drapery along
Mammoth River near Piedra Blanca
Nov. 5, 1947
- 16633 see photovg. 5
H. A. Allard
J hairy translucent, yellowish
white, white, white)
- 16634 Mistletoe - narrow leaves
on tree near # 16633
J ditto
- 16635 Lichens on # 16631
on leaves - Mar. # 16633 ✓ ditto
- 16636 Lichens on leaves (sp.?)
near # 16633 ✓ ditto
- 16637 Composite along stream
highway near Soledadito
fl whitish.
- 16638 Mistletoe - narrow leaves
on trees near # 16633 ditto
- 16639 Mistletoe leaves
broader than # 16638 ditto
Nov 5
near # 16633 in tree

- Promeliod same date
on trees near # 16633 data
- 16640
- 16641 Mistletoe on tree near # 16633, fl greenish yellow
ditto
- 16642 Lichens on leaves
near # 16633 ✓ ditto
- 16643 Lichens on leaves
near 16633 ✓ ditto
- 16644 Lichens on leaves ✓ ditto
- 16645 Lichens on leaves
near 16633 ditto
- 16646 Lichens on leaves
near # 16633 ✓ ditto

- 16647 Lichens on base near
 # 16633 - along Maimon
 River near Piedra Blanca V
 Nov. 5, '47, H. A. Allard
- 16648 Lichens on leaves
 Near # 16647 V ditto
- 16649 Lichens on leaves
 Near # 16647 V ditto
- 16650 Lichens on leaves
 Near # 16647 V ditto
- 16651 Lichens on leaves
 near # 16647 V ditto
- 16652 Lichens on leaves -
 low herbaceous plant
 in woods along river V ditto
 Nov. 5 near # 16647
- 16653 On orange base
 near # 16647 V ditto
- Nepatia or mosses v
 orange base was same same date
 tree with # 16653. data etc
- 16654 Near # 16647 V
- 16655 Long, slender reddish
 masses growing on and
 over a bromeliad in tree V ditto
 near # 16647 - 20-30 ft.
 above ground; no other seen
- 16656 Bromeliad, in tree
 near # 16647 ditto
- 16657 Bromeliad, in tree near
 # 16647 ditto
- 16658 Leaf spot-blk - good
 size on leaf Spruce? ditto
 Nov. 5 16647
- 16659 Leaf spot on aroid V
 # 16652 - near # 16647 ditto
 (climbing aroid)
- 16660 Moss - before
 at tree, near # 16647 ditto

- Mosse, hepatic in logs
trees along Mayon River near
Picossa Blanca
- 16661 Nov. 5, 1947
H. Allard ✓
- 16662 Mosse, hepatic
near # 16661 ✓ ditto
- 16663 Mosse, hepatic
near # 16661 ✓ ditto
- 16664 Mosse, hepatic
near # 16661 ✓ ditto
- 16665 Mosse, hepatic
Near # 16661 ✓ ditto
- 16666 Mosse, hepatic
near # 16661 ✓ ditto
- 16667 Mosse, hepatic
near # 16661 ✓ ditto
- 16668 Mosse, hepatic
in logs, tree near
16661 ✓ Same date data
- 16669 16668 ✓
Mosse, hepatic
near # 16661 ✓ ditto
- 16670 Mosse, hepatic
near # 16661 ✓ ditto
- 16671 Mosse, hepatic
near # 16661 ✓ ditto
- 16672 Mosse, hepatic
near # 16661 ✓ ditto
- 16673 Mosse, hepatic
near # 16661 ✓ ditto
- 16674 Mosse, hepatic
near # 16661 ✓ ditto

Mosse, hepatic in logs, trees
along Mainor River near Pindra
Blanca, Nov. 5, 1947
H.A. Allard

16675

✓

16676

Mosse, hepatic
near # 16675

ditto

16677

Mosse, hepatic
near # 16675

ditto

16678

Mosse, hepatic
near # 16675

ditto

16679

Mosse, hepatic
near # 16675

ditto

16680

Mosse, hepatic
near # 16675

ditto

16681

Mosse, hepatic
near # 16675

ditto

Mosse, hepatic
near # 16675

same
date,
deets

16682

✓

16683

Mosse, hepatic
near # 16675

ditto

16684

Mosse, hepatic
near # 16675

ditto

16685

Mosse, hepatic
near # 16675

ditto

16686

Mosse, hepatic
near # 16675

ditto

16687

Mosse, hepatic
near # 16675

ditto

16688

Mosse hepatic
near # 16675

ditto

Morus, hepatica
collected on stumps, logs, bark
along Mamon River near ✓
Nov. 5, 1947, H. A. Allard

16690 Morus, hepatica
near # 16689 ✓ ditto

16691 Morus, hepatica
near # 16689 ✓ ditto

16692 Morus, hepatica
near # 16689 ✓ ditto

16693 Morus, hepatica
near # 16689 ✓ ditto

16694 Morus, hepatica
near # 16689 ✓ ditto

16695 Morus, hepatica
near # 16689 ✓ ditto

Morus, hepatica
near # 16689 ✓ same date data!

16696

16696a lichen ✓

16697

Morus, hepatica
near # 16689 ✓ ditto

16698

Morus, hepatica
near # 16689 ✓ ditto

16699

Morus, hepatica
near # 16689 ✓ ditto

16700

Morus, hepatica
near # 16689 ✓ ditto

16701

Morus, hepatica
near # 16689 ✓ ditto

16701a four ✓

16702

Morus, hepatica
near # 16689 ✓ ditto

#67

- 16703 *Mosser, hepatic*
 on logs, trunks, trees, etc
 along Marmora River near
 Pista Blanca ✓
 Nov. 5, 1947
 H. A. Ballard
- 16704 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16705 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16706 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16707 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16708 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16709 *Mosser, hepatic*
 near # 16703 ✓ ditto
- 16710 *Mosser, hepatic* same date
 March 16703 data
- 16711 Lichen on
 sticks etc - ✓ ditto
- 16712 Lichen
 with # 16703 ✓ ditto
- 16713 Lichen
 with # 16703 ✓ ditto
- 16714 Lichen
 with # 16703 ✓ ditto
- 16715 Lichen
 with # 16703 ✓ ditto
- 16716 Lichen
 with # 16703 ✓ ditto

Lichens on
tree, simple etc
16717 along Mamon River near
Piedra Blanca Nov 5, 1947
H.A. Allard

16718 Lichens
near # 16717 ✓ ditto

16719 Lichens on tree
near # 16717 ✓ ditto

16720 Lichens
near # 16717 ✓ ditto

16721 Lichens
near # 16717 ✓ ditto

16722 Moss, hepatic
near # 16717 ✓ ditto

16723 Moss on rocks
near Piedra Blanca ✓
in wood cut Nov 5, 1947
H.A. Allard

Mosses on rocks,
soil with # 16723
date date
16724 ✓

16725 Lichens on rocks
soil near # 16723 ditto
✓

16726 Mosses, hepatic
on bark
near # 16723 ✓ ditto

16727 Bromeliad,
on tree near # 16723 ditto

16728 Fig must be planted in Ciudad
Trujillo - on Arendera Bolívar
etc., see photo. Nov. 7, 1947
H.A. Allard
Has to be rigidly pruned

16729 blue wall - blueberry,
purple etc.
on bark of tree next of ✓
Ciudad Trujillo, Nr. 8,
H.A. Allard

16730 Lichens etc
on young tree
near # 16729 ✓ ditto

Lichens on young tree in thickets west of
Ciudad Trujillo Nov. 8
16731 Hg. Island

✓

16732 Lichens near # 16731 ✓ ditto

✓

16733 Lichens near # 16731 ✓ ditto

✓

16734 Lichens near # 16731 ✓ ditto

✓

16735 Lichens near # 16731 ✓ ditto

✓

16736 Lichens near # 16731 ✓ ditto

✓

16737 Lichens near
16731 ✓ ditto

✓

Bad weed in lawns at
Ciudad Trujillo Nov. 8

16738 It's all over
low fine leaved mats
dark pink green
✓ Euphorbiaceal

16739 Composite in mats,
small yellow flowers,
very bad as dome mats
near # 16739 ✓ ditto

16740 Low matted plants
like a tiny leaves like
near # 16739 ✓ ditto

16741 Rubiaceae - matted
spreading plants. Very persistent
in lawn white bl. Nov. 8 ✓ ditto

16742 Euphorbiaceal
Matted for lawns
very bad lawn.
near # 16738 ✓ ditto

16743 sensitive plant,
Very bad in lawns and
gardens. Near # 16738 ✓ ditto

16744 Pink or rose fl.
vine, grown wild
near La Vega on dry
banks - Ciudad Trujillo
Nov. 8 ✓ ditto

Piper - Colonia Ranvier
at 2200 ft, Nov, 8, 1947
H.A. allard on stamp

16745

16746

Pilea - near # 16745

ditto

16747 Boanisia frutescens

Near H 16745 Nov 8

ditto

16748 Clitoria - fl. cream

✓ with some purple streaks on
standard only, near # 16745

16749

Nov 8

From damping from
tree stump

Near # 16745

ditto

16750

fl. small, white.

herb, near # 16745

ditto

16751 Pilea ^{most} on bank

✓ Near # 16745

ditto

Composite - at Colonia

Ranvier in pasture

16752 at 2200 feet

Nov 8

H.A. allard

16753 Pilea - very fine leaf.
thin soil on rock.

✓ Near # 16752

16754 More on rock

with # 16753 ✓

ditto

16755 Cyperaceae

In pasture near

H 16752

16756 Composite - white fl

Near # 16752

ditto

16757 Malpighiaceae

fl. pink.

✓ with H 16752

ditto

16758 very slender plant

small, white fl; Cryptolepis?

✓ Near # 16752

- 16759 *Scleria - small fl.*
Colonia Parque
 at 2200 ft
 Nov. 8, 1947
 H.A. Allard
- 16760 *Bromaceae*
 Red, shiny leaves
 Near # 16759 ditto
- 16761 *Andropogon biuncis*
 Near # 16759 ditto
- 16762 *Grevillea (small)* in Path
 with flowers & buds
 Near # 16759 ditto
- 16763 *Hoss on bank*
 near # 16759 ✓ ditto
- 16764 *Mosco, hepatic*
 near # 16759 ✓ ditto
- 16765 *Mosco, hepatic*
 near # 16759 ✓ ditto

- 16766 *Mosco, etc.*
 with # 16763 ✓ same date, data
- 16767 *Mosco, etc.*
 Mar 11 1948 ✓ ditto
- 16768 *Mosco*
 with # 16763 ✓ ditto
- 16769 *Mosco, etc.*
 with # 16763 ✓ ditto
- 16770 *Slimy - fl. white*
 3-4 ft; west of ✓
 Ciudad Trujillo ditto
 Nov. 9, 1947 H.A. Allard
- 16771 *Male and female*
 blossoms of Vanilla
 west of Ciudad Trujillo
 Nov. 9 H.A. Allard
- 16772 *Lichens on trees west of*
 Ciudad Trujillo on west
 rock formation Nov. 10, 1947
 H.A. Allard

Mosses, hepatic on trees
west of Ciudad Trujillo
16773 on Coral rock formation
Nov. 10, 1947

Hg. allard ✓

16774 Lichens
Near # 16773

✓

Litter

16775 Hepatic
Near # 16773

ditto

16776 Lichens
near # 16773 ✓ ditto

16777 Hepatic
near # 16773 ✓ ditto

16778 Lichens
near # 16773 ✓ ditto

16779 Lichens
near # 16773 ✓ ditto

Mosses, hepatic
with # 16773

or near by.

same
date
data

16780 ✓

16781 Lichens
Near # 16773

ditto

16782 Lichens
Near # 16773 ✓ ditto

16783 Lichens on sticks
Near # 16773 ✓ ditto

16784 Moss,
at base of tree ✓ ditto
near # 16773

16785 Lichens
Near # 16773 ✓ ditto

16786 Lichens
Near # 16773 ✓ ditto

Lichens on tree
west of Ciudad Trujillo, Nov. 10
on coral rock formation
N.A. alluvial

16787

✓

16788

Lichens

Near # 16787

✓

ditto

16789

Hepatic, etc.

near # 16787

✓

ditto

16789a

Lichen

✓

16790

Hepatic, etc.

near # 16787

✓

ditto

16790a

Lichen

✓

16791

Lichens

Near # 16787

✓

ditto

16792

Hepatic, massos

Near # 16787

✓

ditto

16793

Lichens

Near # 16787

✓

ditto

Lichens
Near # 16787

date
data

16794

L

16795

Hepatic, massos

Near # 16787

✓

ditto

16796

Hepatic, massos

Near # 16787

✓

ditto

16797

Lichens

Near # 16787

✓

ditto

16798

Hepatic, etc.

Near # 16787

✓

ditto

16799

Lichens etc

Near # 16787

✓

ditto

16800

Lichens

Near # 16787

✓

ditto

- Lichens
 On trees west of Ciudad
 Trujillo on Coral rock
 formation Nov. 10, 1947
 H. A. Allard
- ✓ 16801 Lichens
 On trees west of Ciudad
 Trujillo on Coral rock
 formation Nov. 10, 1947
 H. A. Allard
- ✓ 16802 Hepatic & mosses
 on trees near # 16801 ditto
- ✓ 16803 Lichens
 Near # 16801 ditto
- ✓ 16804 Lichens
 Near # 16801 V ditto
- ✓ 16805 Lichens
 Near # 16801 V ditto
- ✓ 16806 Iporoca or want
 fl. blue, small; very
 floriferous. Near # 16801 ditto
- ✓ 16807 Iporoca
 climbing on shrubs
 fl. large rose.
 Near # 16801 ditto
- ✓ 16808 Iporoca 'high climbing' ^{large}
 fl. purple over shrubs ^{plate}
 Near # 16801
- ✓ 16809 Lichens on coral
 rocks near # 16801 ditto
- ✓ 16810 Lichens on upper
 branches of large tree
~~Hura crepitans,~~
 west of Ciudad Trujillo
- ✓ 16811 Nov. 11, 1947. H. A. Allard
- ✓ 16812 Lichens
 with # 16810 ditto
- ✓ 16813 Lichens
 with # 16810 V ditto
- ✓ 16814 Lichens
 with # 16810 V ditto

- 16815 ~~Fidens on topmost
limbs of large *Hura crepitans*
Tree West of Ciudad Trujillo
Nov. 11, 1947
H.A., allard
all on same tree with #16810~~
✓
ditto
- 16816 ~~Lichen
with # 16815~~
✓
ditto
- 16817 ~~Lichen
with # 16815~~
✓
ditto
- 16818 ~~Bamboo on bank,
left river bank,
west of Ciudad Trujillo.
top of d. stalks above 4-5 m
tall bark pubescent with Nov. 11. H.A.~~
✓
ditto
- 16819 ~~Shrub or small tree
on trail to woodrich rubber
plantation - Pedro Blanca
Nov. 12, 1947; Russell site
fruit blue, small~~
✓
ditto
- 16820 ~~Small small tree
near # 16819; H. small, blue,
fruit blue, small~~
✓
ditto
- 16821 ~~Tree four - five m.
near # 16819
15-16 ft tall.
all parts of one leaf~~
✓
ditto
- 16822 ~~Tree spot on bank of
Matareca,
near # 16819 on path,
water agitator just~~
✓
ditto
- 16823 ~~Shrub - fl. white
Near # 16819~~
✓
ditto
- 16824 ~~Shrub - fl. pinkish
near # 16819~~
✓
ditto
- 16825 ~~Grass. On
bank near # 16819~~
✓
ditto
- 16826 ~~On moist bank
near # 16825~~
✓
ditto
- 16827 ~~Tree of genus
part of bark - big floral
and mostly red
Along # 16819~~
✓
ditto
- 16828 ~~Pilea
On stream
near # 16819.~~
✓
ditto

Lichens on trees in an upper
part of Pridge Blanca and the
mainly River, near Goodrich
16829 rubber grows, m. 12,
Hd. allard

Lichens on tree etc. Oct 12
near # 16829 H. W. M.

16830 Lichens
on trees near # 16829 ✓ ditto

16836

✓

16831 Lichens on trees
near # 16829 ✓ ditto

16838 Lichens on trees etc.
near # 16829 ✓ ditto

16832 Lichens on trees
near # 16829 ✓ ditto

16839 Lichens on trees etc.
near # 16829 ✓ ditto

16833 Lichens on trees
near # 16829 ✓ ditto

16840 Lichens on trees etc.
near # 16829 ✓ ditto

16834 Lichens on trees
near # 16829 ✓ ditto

16841 Lichens on trees etc.
near # 16829 ✓ ditto

16835 Lichens on trees
near # 16829 ✓ ditto

16842 Lichens on trees etc.
near # 16829 ✓ ditto

Lichens on trees etc
in arroyo near Goodrich
Rubber house, Piedra Blanca
Nov 12, 1943 H. A. Ward

16843

✓

16844 Lichens on trees
etc near # 16843 ✓ ditto

16845 Lichens on trees
etc. near # 16843 ✓ ditto

16846 Lichens on trees
etc near # 16843 ✓ ditto

16847 Lichens on trees etc
near # 16843 ✓ ditto

16848 Lichens on trees etc
near # 16843 ✓ ditto

16849 Lichens on trees etc
near # 16843 ✓ ditto

16850

✓

16851

Lichens on trees etc
near # 16843 ✓ ditto

16852

Lichens on trees etc
near # 16843 ✓ ditto

16853

Lichens on trees etc
near # 16843 ✓ ditto

16854

Lichens on trees etc
near # 16843 ✓ ditto

16855

16855,a

Lichens on trees etc
near # 16843 ✓ ditto

16856

Lichens on trees
etc near # 16843 ✓ ditto

Arct. 12

H. Ward

Lichens on tree etc
in Mayo near Croagh Patrick
Rubbed pieces at Pileola
16857 Blanca, Nov 12, '47
H.A. allred

✓

16858 Lichens on trees
near # 16857 ✓

16859 Lichens on trees
near # 16857 ✓

16860 Lichens on trees near
16857 ✓

16861 Lichens on trees near
16857 ✓

16862 Lichens on trees
near # 16857 ✓

16863 Lichens on trees
near # 16857 ✓

Lichens on trees
near # 16857 ✓
H.A. allred

16864 ✓

16865 Lichens on trees
near # 16857 ✓ ditto

16866 Mosses etc
on trees and soil ✓
Near # 16857 ditto

16867 Mosses, hepatic
on trees etc near
16857 ✓ ditto

16868 Mosses, hepatic
near # 16857 ✓ ditto

16869 Mosses, hepatic
near # 16857 ✓ ditto

16870 Mosses, hepatic
near # 16857 ✓ ditto

16870 a lichen ✓

Mosse, hepatic
in tree st in arroyo near
16871 ~~Goodrich~~ rubber zone
at Piedra Nov. 12, 1947
Ha. allard ✓

16872 Mosse, hepatic
near # 16871 ✓ ditto

16873 Mosse, hepatic
near # 16871 ✓ ditto

16874 Mosse, hepatic
near # 16871 ✓ ditto

16875 Mosse, hepatic
near # 16871 ✓ ditto

16876 Mosse, hepatic
near # 16871 ✓ ditto

16877 Mosse hepatic
near # 16871 ✓ ditto

Leaf spot on
Andropogon furcatus
16878 Colonia Ramírez
Nov. 8, 1947
ITA allard ✓

16879 Mosse, hepatic Nov. 12
near # 16871 ✓ Ha. allard

16880 Mosse hepatic
near # 16871 ✓

16881 Mosse, hepatic
near # 16871 ✓

16882 Mosse, hepatic
near # 16871 ✓

16883 Mosse, hepatic
near # 16871 ✓

16884 Mosse, hepatic ✓
near # 16871

Mosses and hepaticas on
trees etc., logs, in arroyos
near Goodrich rubber zone
16885 Piedra Blanca - elev. 2500 ft.
Nov. 12, 1947 H.A. Allard

16886 Mosses and hepaticas
near # 16885 ✓ ditto

16887 Mosses and hepaticas
near # 16885 ✓ ditto

16888 Mosses and hepaticas
near # 16885 ✓ ditto

16889 Mosses and hepaticas
near # 16885 ✓ ditto

16890 Mosses and hepaticas
near # 16885 ✓ ditto

16891 Mosses & hepaticas
near # 16885 ✓ ditto

Mosses, hepaticas
near # 16885 Nov. 12, 1947
H.A. Allard

16892 ✓

16893 ✓

16893a ✓

16894 ✓

16895 ✓

16896 ✓

16897 ✓

16898 ✓

Mosca, hepatica
collected near Dogrich rubber
gum near Piedra Blanca,
Nov. 12, '47 in arroyo
H.A. Allard

16899

✓

16900

Mosca, hepatica
near # 16899

✓

16901

Mosca, hepatica
near # 16899.

✓

16902

Mosca, hepatica
near # 16899

✓

16903

Mosca, hepatica
near # 16899

✓

16904

Mosca, hepatica
near # 16899

✓

16905

Mosca, hepatica
near # 16899

✓

16906

✓

16907

Mosca, hepatica
near # 16899

✓ ditto

16908

Mosca, hepatica
near # 16899

✓ ditto

16909

Mosca, hepatica
near # 16899

✓ ditto

16910

Mosca, hepatica
near # 16899

✓ ditto

16911

Mosca, hepatica
near # 16899

✓ ditto

16912

Mosca, hepatica
near # 16899

✓ ditto

Moscos, hepatic collected
in arroyo near Dorothy motor
gasoline near Piedra Blanca
16913 ab 300-375 ft, elev.
Nov, 12, 1947
H.A. Allard ✓

16914 Moscos, hepatic
near # 16913 ✓ ditto

16915 Moscos, hepatic
near # 16913 ✓ ditto

16916 Moscos, hepatic
near # 16913 ✓ ditto

16917 Moscos, hepatic
near # 16913 ✓ ditto

16918 Moscos, hepatic
near # 16913 ✓ ditto

16919 Moscos, hepatic
near # 16913 ✓ ditto

Moscos, hepatic Nov, 12, 1947
near # 16913 H.A. Allard

16920 ✓

16921 Moscos, hepatic
near # 16913 ✓ ditto

16922 Moscos, hepatic
near # 16913 ✓ ditto

16923 Moscos, hepatic
near # 16913 ✓ ditto

16924 Moscos, hepatic
near # 16913 ✓ ditto

16925 Moscos, hepatic
near # 16913 ✓ ditto

16926 Moscos, hepatic
near # 16913 ✓ ditto

Mosse, hepatic in wrogo
near Goodjub Ritter zone near
Pigra Plana at 350-375 ft.
16927 alt. Nov. 12, '47. H.A. Allard

✓

16928 Mosse, hepatic
near # 16927

✓

ditto

16929 Mosse, hepatic
near # 16927

✓

ditto

16930 Mosse, hepatic
near 16927

✓

ditto

16931 Mosse, hepatic
near # 16927

✓

ditto

16932 Mosse, hepatic
near # 16927

✓

ditto

16933 Mosse, hepatic
near # 16927

✓

ditto

16934

Mosse, hepatic Nov. 12
near # 16927 H.A. Allard

✓

16935

Mosse, hepatic
near # 16927

ditto

✓

16936

Mosse, hepatic
near # 16927

ditto

✓

16937

Mosse, hepatic
near # 16927

ditto

✓

16938

Mosse, hepatic
near # 16927

ditto

✓

16939

Mosse, hepatic
near # 16927

ditto

✓

16940

Mosse, hepatic
near # 16927

ditto

✓

Moscos, hepaticus
in arroyo near Goodrich's ranch
elevation abt 350-375 ft. near
16941 Piedra Blanca, Nov 12, '47
H.G. Allard ✓

16942 *Moscos, hepaticus*
near # 16941 ✓ ditto

16943 *Moscos, hepaticus*
near # 16941 ✓ ditto

16944 *Moscos, hepaticus*
near # 16941 ✓ ditto

16945 *Moscos, hepaticus*
near # 16941 ✓ ditto

16946 *Moscos, hepaticus*
near # 16941 ✓ ditto

16947 A large mass of hepatic tissue
during cold weathering its leaves
fall the leaves appear brown in
moisture - have spread to several
times their size and are most
beautiful. Near # 16941

Moscos, hepaticus Nov 12
near # 16941 H.G. Allard ✓

16948

16949 *Moscos, hepaticus*
near # 16941 ✓ ditto

16950 *Moscos, hepaticus*
near # 16941 ✓ ditto

16951 *Moscos, hepaticus*
near # 16941 ✓ ditto

16952 *Moscos, hepaticus*
near # 16941 ✓ ditto

16953 and
16953a *Moscos, hepaticus* ✓ ditto
near # 16941 ✓

16954 *Moscos, hepaticus* ✓ ditto
near # 16941 ✓

Mosca, hepatica
in arroyo on way up near
rodrik's rubber grove
16955 abt 350-375 ft, near Piedra Blanca,
Nov. 12, H.A. Allard
✓

16956 *Mosca, hepatica*
near # 16955 ✓ ditto

16957 *Mosca, hepatica*
near # 16955 ✓ ditto

16958 *Mosca, hepatica*
near # 16955 ✓ ditto

16959 *Mosca, hepatica*
near # 16955 ✓ ditto

16960 *Mosca, hepatica*
near # 16955 ✓ ditto

16961 *Mosca, hepatica*
near # 16955 ✓ ditto

Mosca, hepatica
in arroyo, rocks, logs etc
near rodrik's rubber grove, ✓
16962 abt. 350-375 ft, alt
and Nov. 12 '47, H.A. Allard
16962a ✓

16963 *Mosca, hepatica*
near # 16962 ✓ ditto

16964 *Mosca, hepatica*
near # 16962 ✓ ditto

16965 *Mosca, hepatica*
near # 16962 ✓ ditto

16966 *Mosca, hepatica*
near # 16962 ✓ ditto

16967 *Mosca, hepatica*
near # 16962 ✓ ditto

16968 *Mosca, hepatica*
near # 16962 ✓ ditto

Moscos, hepaticus, in canopy on
tree, frogs, near Dogbreck
rubber grove at alt. 350-375 ft.,
16969 near Piedra Blanca,

16970 Moscos, hepaticus
near # 16969 ✓ ditto

16971 Moscos, hepaticus
near # 16969 ✓ ditto

16972 Moscos, hepaticus
near # 16969 ✓ ditto

16973 Moscos, hepaticus
near # 16969 ✓ ditto

16974 Moscos, hepaticus
near # 16969 ✓ ditto

16975 Moscos, hepaticus
near # 16969 ✓ ditto

Moscos, hepaticus
near # 16969 ✓
H.A. Island

16976 ✓

16977 Moscos, hepaticus
near # 16969 ✓ ditto

16978 Moscos, hepaticus
near # 16969 ✓ ditto

16979 Moscos, hepaticus
near # 16969 ✓ ditto

16980 Moscos, hepaticus
near # 16969 ✓ ditto

16981 Moscos, hepaticus
near # 16969 ✓ ditto

16982 Moscos, hepaticus
near # 16969 ✓ ditto

Mosso, hepaticus on trees, logs, near
roughish rubber glove; in arroyo;
at alt. 350-375 ft; near Piesha
Blanca. Nov, 12, H.A. Allard

16983

✓

16984 Mosso, hepaticus
near # 16983

✓

16985 Mosso, hepaticus
near # 16983

✓

16986 Mosso, hepaticus
near # 16983

✓

16987 Mosso, hepaticus
near # 16983

✓

16988 Mosso, hepaticus
near # 16983

✓

16989 Mosso, hepaticus
near # 16983

✓

Mosso, hepaticus
near # 16983

16990

Nov. 12

H.A. Allard

✓

16991 Mosso, hepaticus
near # 16983

ditto

16992

Mosso, hepaticus
near # 16983

*, ditto

16993

Mosso, hepaticus
near # 16983

ditto

Hot

16994

Mosso, hepaticus
near # 16983

ditto

16995

Mosso, hepaticus
near # 16983

ditto

16996

Mosso, hepaticus
near # 16983

ditto

17000
16688
1312

2 Masses, hepatic in arroyo
near Goodrich rubber game

169 16997 at alt. 350-375 ft ✓
near Piedra Blanca
Nov, 12, 1947. H.A. Allard

169 16998 Masses, hepatic
near # 16997 ✓ ditto

169 16999 Masses, hepatic ✓
near # 16997 ✓ ditto

169

169

169

169

1900
16601
13750

1700
16625
~~675~~

